CAPE OF GOOD HOPE.

STORAGE

REPORT

OF THE

Meteorological Commission

FOR THE

YEAR 1886.

Presented to both Houses of Parliament by command of His Excellency the Governor.
1887.

CAPE TOWN:
W. A. RICHARDS & SONS, GOVERNMENT PRINTERS, CASTLE-STREET.
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REPORT OF THE METEOROLOGICAL COMMISSION FOR THE YEAR 1886.

17th March, 1887.

To the Honourable the Colonial Secretary.

Sir,—The present Report contains the results of the meteorological observations made under the direction of the Commission during the year 1886.

The instruments provided for the stations are a barometer, dry and wet bulb thermometers, a maximum and a minimum thermometer, and a rain-gauge. In addition to the above-mentioned stations, all gaols and a number of private observers have been supplied with rain-gauges by the Crown Lands Department under the advice of Mr. Gamble. The Commission also includes any observations made by private observers which appear sufficiently trustworthy.

New instruments have been supplied during the year as follows :

A full set to H. C. Schunke, Esq., Delemont, Maclear.
J. Elton, Esq., Muizenberg.

Rain-gauges to

M. J. Hall, Esq., The Willows, Middelburg.
Robt. C. Hemming, Esq., Fraserburg.
E. Baxter, Esq., Vryburg, Bechuanaland.
G. A. Stretton, Esq., Ida Xalanga, Tembuland.
H. A. Jackson, Esq., Lewisville, Nel's Poort.
Prof. A. Fischer, Stellenbosch College.
Calitzdorp Gaol.
F. Guthrie, Esq., LL.B., Mowbray.
W. Rogers, Esq., Glencairn, Catheart.
J. S. Lister, Esq., Tokai, Constantia.
Geo. Judd, Esq., Clifton, Sterkstroom.
Major Beamish, Stonehills, Cradock.
J. Green, Esq., Balfour, Katberg.
Clanwilliam Gaol.
J. van Putten, Esq., Brakfontein, Clanwilliam.
G. Alston, Esq., Paarde Vley, Carnarvon.
Do. Marcus Dam, do.
Rev. W. Beste, Stutterheim.
Isaac Boysen, Esq., Klipdrift, Graaff-Reinet.
Forest Department, King William's Town.
Do. do.
W. S. Warne, Esq., Glassniven, Barkly East.
Dordrecht Gaol.
Lady Grey Gaol.
E. Christian, Esq., Groot Boetsap, Griqualand West.
City Engineer, Cape Town.
W. Aspinall, Esq., Houw Hoek, Caledon.
W. B. Townsend, Esq., Fair Holt, Bedford.
Messrs. Green and Francis, Cordquia, Griqualand West.
H. H. McDonald, Esq., Penlini, Queen's Town.

The observations at the Royal Observatory are made at 8h. a.m. and 1h. 22m. p.m. The observations at 1h. 22m. are part of a comprehensive scheme instituted by the War Department of the United States, and are taken at the same absolute time at many stations all over the world. This series of observations has been fruitful in increasing our knowledge of meteorology.

At the Royal Observatory there are three sets of thermometers, one of which is placed in a crib attached to a window on the south side of the Observatory, two in the grounds (one on a Glaisher's stand, and the other in a Stevenson's screen). The results from all these sets are given.

From the observed differences of the dry and wet bulb thermometers, the humidity of the air, dew point, and tension of the vapour of water in the air can be obtained by the use of Greenwich factors.

The annexed tables contain :—(1) the monthly and yearly means of—(*a*) the height of the barometer corrected to 32° Fah. ; (*b*) the temperature of the air ; (*c*) the maximum and minimum temperatures ; (*d*) the amount of cloud so far as given by the observer.

(2) The highest and lowest temperatures recorded in each month; the monthly and yearly rainfall, and the number of days on which rain fell. (A day on which rain fell is considered to be one upon which at least 0·03 in. fell.)

Self-recording anemometers have been fixed at the Royal Observatory, at Port Elizabeth, and at East London, and are working well. The records are filed at the Royal Observatory, but arrangements have not been made as yet for reducing the curves.

In the column for cloud, 10 would represent a sky completely clouded. The readings of the barometer are not reduced to sea level. All the instruments, the returns of which are included in the annexure, have been carefully compared with the Observatory standards, and the corrections for index errors applied.

The set of recording thermometers worked by electricity, and called a thermograph, was subjected to a year's satisfactory trial at the Royal Observatory. It has not been found possible to introduce the results of the trial into this year's report, but it is hoped that they will be published next year. The thermograph was then erected at Van Wyk's Vley, in the Carnarvon District, and careful observations were taken for two years by Mr. G. Alston. It has now been removed to King William's Town, and is under the charge of Mr. D. E. Hutchins, the Conservator of Forests.

By means of these thermometers a record of the temperature at every hour of the day and night is obtained, and this will enable anyone to deduce the mean temperature of the day from an observation of a thermometer at any hour of the day.

The Commission draws special attention to the extremely interesting series of thirteen rainfall maps appended to this report. These have been reduced from maps prepared by Mr. Gamble, representing the average rainfall of the Colony for each month of the year, and for the whole year. Mr. Gamble's maps were exhibited at the Indian and Colonial Exhibition, and have been reduced by Mr. Bok, late draughtsman in the Hydraulic Engineer's Department. From these, by the kind permission of the Surveyor-General, lithographic stones were prepared by Mr. Newberry, lithographic draughtsman in his Department. The manner in which the work has been executed by Messrs. Bok and Newberry is highly satisfactory to the Commission and creditable to these gentlemen.

The annual inspection of stations, originally provided for in 1879, has been regularly maintained. The inspection has been followed with the best results, and the whole service has now assumed a satisfactory character.

The observations at the Royal Observatory are communicated by permission of the Lords Commissioners of the Admiralty. The observations at the stations in the Orange Free State are forwarded to the Commission by the Superintendent-General of Education, the Rev. J. Brebner, M.A.

The Commission has organised simultaneous observations at 8 a.m. Cape mean time, of barometer, temperature, and wind, at the Royal Observatory, Cape Point, Cape L'Agulhas, Mossel Bay, Cape St. Francis, Port Elizabeth, Port Alfred, East London, Durban (Natal), and Clanwilliam. Wind and temperature observations from Worcester, Kimberley, and Bloemfontein have recently been added. These are telegraphed every morning to the Secretary, who at once reduces them to 32° Fah. and sea level, and corrects them for index error. At 10 a.m. he sends a corrected list of them all to each coast port, where they are entered on a sketch map of the coast line for the information of ship-captains and others. It is hoped that an inspection of these maps may lead to the discovery of some of the laws governing the coast weather, or at any rate the path of storm centres, and that in time the Commission may be able to issue storm warnings.

The eminent meteorologist, Mr. Symons, F.R.S., expressed to Mr. Gamble, in 1885, his satisfaction at the way this service and, more especially, the annual inspection by the Secretary had been organized and carried out.

The Commission regrets that it has not felt itself warranted in publishing any registers of temperature or barometric pressure which are not complete, *e.g.*, those from Bishop's Court, The Castle, Stellenbosch College, Umtata, Cape St. Francis, Worcester, Williston, Sutherland, Springbok, Oudtshoorn, Muizenberg, Zwartberg, Maseru, De Hoek, Fort Beaufort, Sea Point, and Claremont. The observations of Mr. Lee at Kimberley have been omitted in consequence of the Commission possessing a series made by the South African Exploration Company at the same place with instruments belonging to the Commission. The observations of maximum and minimum temperatures on Table Mountain and at Van Wyk's Vley have also been omitted.

The standing tables of corrections and reductions have been omitted this year. Anyone who wishes to use such tables is referred to the Report for 1884 or 1883. Neither the humidity nor dew point has been calculated; anyone wishing to calculate these is referred to *Hygrometrical Tables by Jas. Glaisher, F.R.S.*, published by Taylor and Francis, price 2s. 6d., or to the tables given in most works on Meteorology.

The Commission takes this opportunity of recording its high appreciation of the very valuable services rendered to meteorological research in the Colony by one of its members, Mr. John G. Gamble, late Hydraulic Engineer, and its great regret at the loss it has sustained by his departure. As, however, his connection with and interest in the Colony has not ceased, he continues to be a member of the Commission, and will continue to afford such assistance as may be in his power. It seemed expedient, however, that the number of resident members should not be diminished, and the Commission therefore unanimously recommended that Mr. M. W. Grier, Chief Inspector of Public Works, should be added to the Commission.

The Commission, in closing this Report, desires to record its thanks to the observers who have carried on the observations. The Government has consented to the presentation to the observers of the instruments with which they have made a series of satisfactory observations for a continuous period of five years. Observers who desire to take advantage of this offer should apply in writing to the Secretary.

A statement of the receipts and expenditure during the year 1886 is annexed.

C. ABERCROMBIE SMITH,
Chairman.

NOTE A.—The various means given in this Report for the Barometer, Thermometer, &c., are the means of the Readings at the time of observation, but they do not represent the true mean values, owing to the existence of diurnal and semi-diurnal inequalities in the temperature, &c. Corrections, therefore, have to be applied to the results of the Report, varying according to the hours of observation. There is no material available for the deduction of such corrections generally throughout the Colony, but they have been deduced for the Royal Observatory, and published by Mr. Stone in 1871, from hourly observations made in the years 1841 to 1846. The Thermograph will enable similar corrections to be deduced for Van Wyk's Vley and King William's Town.

MEMBERS OF THE COMMISSION.

THE HONOURABLE C. ABERCROMBIE SMITH, M.A., Chairman.
THE HONOURABLE W. GUYBON ATHERSTONE, M.D., M.L.C.
W. H. FINLAY, ESQ., M.A., F.R.A.S.
J. G. GAMBLE, ESQ., M.A., M. INST. C.E., F.R. MET. S.
DAVID GILL, ESQ., LL.D., F.R.S,, F.R.A.S., Astronomer-Royal.
W. M. GRIER, ESQ, M. INST. C.E., Chief Inspector of Public Works.
F. GUTHRIE, ESQ., LL.B.
G. W. H. MACLEAR, ESQ., F.R.A.S.

W. ELLERTON FRY,
Secretary.

METEOROLOGICAL COMMISSION, CAPE OF GOOD HOPE.

Account Current of Receipts and Disbursements for the Year ending 31st December, 1886.

Dr.									Cr.							
1886.				£	s.	d.	£	s.	d.	1886.		£	s.	d.	£	s.	d.
Jan. 1	To balance		..				9	19	4	By Salaries		210	10	0			
„ 29	„ Part of Parliamentary Grant, 1885-86			100	0	0				„ Instruments purchased and repaired		39	14	6			
April 30	„ „	„	„	150	0	0				„ Printing and Stationery ..		13	2	1			
June 16	„ Balance	„	„	50	0	0				„ Erecting, &c., Cribs		3	8	6			
Aug. 12	„ Part of	„	1886-87	100	0	0				„ Rainfall Maps		10	11	0			
Nov. 30	„ „	„	„	100	0	0				„ Inspection of Stations and Travelling on Duty ..		140	1	3			
							500	0	0	„ Contingencies,—Petty Expenses		28	13	7			
															446	0	11
										„ Balance—In Bank		55	8	11			
										Cash in hand ..		1	9	6			
										Advance to P. W. Dept.		7	0	0			
															63	18	5
							£509	19	4						£509	19	4

Cape Town,
22nd March, 1887.

C. ABERCROMBIE SMITH,
Chairman.

SECRETARY'S REPORT OF THE INSPECTION OF STATIONS, 1886.

Stations with Barometer, Thermometer, &c.

Port Elizabeth.—All the instruments at this Station were in good order.

In order that all the barometers at the reporting stations should be of the same construction, the cistern barometer in use here was exchanged for a marine barometer. The observations taken at 8 a.m. C.M.T. have been regularly received from this Station.

East London.—The instruments here were in good order.

Since the closing of the Harbour Works the observations have been taken at the Port Office, and have been regularly sent each day to Cape Town.

King William's Town.—The thermometers at the Hospital were in good order. The syphon barometer had been unfortunately broken.

A marine barometer is now observed in connection with the thermograph at the Office of the Forest Department.

Stutterheim.—The instruments here were in very good order. A Stevenson's screen has been sent to this Station, and also a rain-gauge.

Queen's Town.—The instruments at this Station were in good order, but a new screen is required for the thermometers.

Aliwal North.—The thermometers were in good order, but the lower arm of the siphon barometer was very difficult to read.

Lovedale.—Everything at this Station was in perfect order. The thermometers will shortly be removed from the Venetian Hut to a Stevenson's screen.

Fort Beaufort.—The exposure of the thermometer here was such that the records were of no scientific value. The screen is now placed in a suitable position.

Graham's Town.—All the instruments at the Hospital were in perfect order.

Port Alfred.—The barometer and thermometer at this reporting station were in perfect order. The observations are regularly sent each morning to Cape Town.

Cradock.—The minimum thermometer here has often been out of order, and the siphon barometer was difficult to read; the screen was also very old and rotten. A new minimum thermometer has been sent in the place of the old one, and a new screen and marine barometer will be sent.

Somerset East.—The instruments here were in good order. The stand for the rain-gauge was rotten, and has been replaced by a new one.

Van Wyk's Vley.—The thermograph was removed in December, 1886, and taken to King William's Town; it has worked well during the whole time it has been at this Station. The other thermometers were all in good order.

General Remarks.—At each Station the instruments were carefully compared with the standards from the Observatory, and their errors determined.

Rain-gauge Stations.

The rain-gauges at the following Stations were in good order, and were well exposed:—

Port Elizabeth, East London East, East London West, Fort Jackson, Blaney, Stutterheim, Dohne, Thomas River, Tylden, Queen's Town, Sterkstroom Station, Cyphergat, Aliwal North, Grass Ridge, do., Donnybrook (New England), Carnarvon, (Wodehouse), Clifton (Sterkstroom), Katberg (Upper and Lower), Balfour, Seymour, Hogsback, Alice, Lovedale, Graham's Town, Cradock, Witmoss, Aliceedale, Middleton, Somerset East, Fredenberg, Cranmer, Klipdrift, Graaff-Reinet, Uitenhage, Beyersfontein, Victoria West, Van Wyk's Vley, Fraserburg Road, Matjesfontein, and Touws River.

At King William's Town Gaol, Carnarvon Gaol, and at Aberdeen Gaol the gauges were not suitably exposed. These gauges have since been placed in better positions.

At Kei Road Station, Kabousie Station, Herschel, Catheart, and Dordrecht the gauges were bulged and damaged; new ones have been since supplied.

At Barkly East the gauge was too exposed to the public. It has since been removed to a safer position.

At Fort Beaufort Gaol the gauge was not level. This was remedied.

SUMMARIES of Meteorological Observations taken at the **Royal Observatory** during the Year 1886. Latitude, 33° 56′ South; Longitude, 18° 29′ East. Distance from coast about 2 miles.

1886.	Hours	Barometer corrected to 32° F.	THERMOMETERS IN A WINDOW SCREEN.						Rainfall in Inches.	Number of days on which rain fell.	Cloud. 0—10.
			Dry Bulb.	Wet Bulb.	SELF-REGISTERING.						
					Mean Maximum.	Mean Minimum.	Absolute Maximum.	Absolute Minimum.			
	h. m.	Inches.	°	°	°	°	°	°			
Jan.	8	29·932	68·3	64·1	77·9	..	92·0	..	0·23	3	2·5
	1·22	29·904	75·4	67·6	..	61·2	..	53·8	..	..	1·5
Feb.	8	29·909	67·9	62·6	76·5	..	88·2	..	0·00	0	2·4
	1·22	29·928	76·0	66·6	..	62·4	..	54·7	..	..	3·1
March	8	29·974	64·7	60·6	73·9	..	87·7	..	3·33	5	4·0
	1·22	29·947	73·2	63·4	..	58·6	..	52·3	..	..	3·0
April	8	30·027	61·8	58·3	72·5	..	81·4	..	0·65	4	4·0
	1·22	29·985	70·9	62·2	..	57·1	..	47·8	..	..	3·2
May	8	30·055	55·3	53·0	64·9	..	77·2	..	2·40	9	3·0
	1·22	30·062	63·7	57·9	..	50·7	..	41·5	..	..	5·1
June	8	30·107	54·2	52·6	62·3	..	73·8	..	7·68	13	7·8
	1·22	30·076	61·2	57·4	..	51·1	..	42·8	..	..	5·7
July	8	30·217	49·9	47·4	59·2	..	69·7	..	2·43	9	4·0
	1·22	30·183	60·2	53·9	..	47·0	..	40·2	..	..	3·6
Aug.	8	30·095	52·8	50·8	60·1	..	76·2	..	3·89	10	6·8
	1·22	30·055	60·2	55·4	..	50·9	..	39·0	..	..	5·8
Sept.	8	30·091	56·3	53·9	63·6	..	83·8	..	2·50	9	5·3
	1·22	30·064	62·4	57·1	..	52·3	..	44·3	..	..	4·0
Oct.	8	30·070	58·8	55·2	65·1	..	74·0	..	3·58	7	6·0
	1·22	30·046	64·1	58·3	..	52·4	..	42·4	..	..	4·9
Nov.	8	30·051	64·1	58·6	71·0	..	79·2	..	0·30	4	4·7
	1·22	30·023	69·6	62·8	..	56·1	..	50·2	..	..	2·4
Dec.	8	29·981	66·1	59·3	74·9	..	84·8	..	0·80	4	3·7
	1·22	29·983	72·9	62·7	..	57·9	..	54·0	..	..	1·9
Means	..	30·032	63·8	58·4	68·5	54·8	..	..	Sums= 27·79	77	4·1

ROYAL OBSERVATORY.

1886.	Hours.	THERMOMETERS ON A GLAISHER STAND.						THERMOMETERS IN A STEVENSON SCREEN.					
				Self-Registering.						Self-Registering.			
		Dry Bulb.	Wet Bulb.	Mean Maximum.	Mean Minimum.	Absolute Maximum.	Absolute Minimum.	Dry Bulb.	Wet Bulb.	Mean Maximum.	Mean Minimum.	Absolute Maximum.	Absolute Minimum.
	h. m.	o	o		o	o	o	o	o	o	o	o	o
Jan.	8	72·4	65·5	88·7	..	104·0	..	70·9	64·1	84·7	..	101·0	..
	1·22	84·5	71·4	..	59·6	..	49·0	82·2	70·9	..	59·9	..	50·2
Feb.	8	70·8	63·9	86·2	..	101·0	..	69·7	63·5	82·9	..	98·0	..
	1·22	83·1	70·6	..	60·4	..	50·8	81·9	69·8	..	60·6	..	51·2
March	8	64·8	60·9	81·6	..	100·0	..	63·9	60·4	79·9	..	97·7	..
	1·22	78·9	67.6	..	56.6	..	48·0	78·4	67·9	..	57·4	..	48·8
April	8	61·0	58·3	79·3	..	91·0	..	61·4	58·8	77·6	..	89·0	..
	1·22	76·6	66·3	..	54·8	..	44·0	76·0	66·6	..	54·9	..	45·0
May	8	53·7	52·0	69·7	..	84·5	..	54·2	52·2	68·4	..	84·0	..
	1·22	67·0	61·3	..	47·4	..	36·2	67·6	60·9	..	47·8	..	37·2
June	8	52·9	51·5	65·7	..	76·8	..	53·5	52·0	64·8	..	76·3	..
	1·22	63·7	59·3	..	49·2	..	37·8	63·7	59·2	..	49·0	..	39·0
July	8	48·2	46·2	65·9	..	76·0	..	48·3	46·4	63·2	..	77·4	..
	1·22	63·6	57·9	..	42·9	..	34·8	64·4	57·7	..	44·4	..	35·0
Aug.	8	52·5	50·6	65·2	..	82·6	..	52·5	50·6	63·4	..	83·0	..
	1·22	63·0	58·6	..	47·1	..	34·5	63·1	57·6	..	47·8	..	35·2
Sept.	8	55·8	54·1	68·5	..	89·3	..	56·2	54·1	67·2	..	88·4	..
	1·22	65·7	61·1	..	49·1	..	39·0	65·6	60·4	..	49·9	..	39·8
Oct.	8	59·6	57·0	71·3	..	83·0	..	58·7	56·0	68·3	..	80·1	..
	1·22	67·9	62·5	..	49·0	..	37·5	67·0	61·3	..	50·0	..	38·5
Nov.	8	66·8	61·8	79·8	..	89·8	..	66·0	60·5	76·6	..	87·8	..
	1·22	76·0	68·4	..	53·4	..	47·8	71.7	66·9	..	54·1	..	46·0
Dec.	8	69·1	62·6	84·9	..	98·0	..	67·8	61·3	80·2	..	94·2	..
	1·22	80·2	67·9	..	55·3	..	49·0	78·3	67·8	..	56·0	..	51·9
Means	..	66·5	60·7	75·6	52·1	..	..	66·0	60·6	73·1	52·6	..	..

SUMMARIES OF METEOROLOGICAL OBSERVATIONS.

Aliwal North. Latitude, 30° 43′ South; Longitude, 26° 43′ East. Distance from coast about 180 miles. Taken at 8 a.m.

1886.	Barometer corrected to 32° F.	THERMOMETERS IN STEVENSON SCREEN.						Rainfall in Inches.	Number of days on which rain fell.	Cloud 0—10.
		Dry Bulb.	Wet Bulb.	Self-Registering.						
				Mean Maximum.	Mean Minimum.	Absolute Maximum.	Absolute Minimum.			
	Inches.	o	o	o	o	o	o			
Jan. ..	25·652	73·1	63·7	86·5	58·4	93·0	50·5	2·30	7	2·7
Feb. ..	25·646	72·3	63·9	87·5	58·4	96·3	52·0	2·03	8	3·2
March ..	25·719	63·1	58·0	77·7	52·0	85·0	41·0	3·79	10	3·7
April ..	25·815	55·6	52·8	74·2	46·5	82·5	38·0	4·06	11	3·5
May ..	25·846	47·3	43·8	68·3	39·8	73·5	26·0	0·22	1	4·0
June ..	25·890	38·2	36·0	65·2	26·5	71·5	17·5	0·35	2	2·3
July ..	25·902	33·5	*	58·9	28·5	67·5	19·0	1·17	5	1·6
Aug. ..	25·816	42·5	38·8	63·8	32·6	77·0	27·0	0·57	2	3·7
Sept. ..	25·833	56·7	48·5	74·3	41·4	86·0	28·5	0·08	1	3·1
Oct. ..	25·718	60·0	53·7	77·1	45·7	89·5	32·5	0·91	6	4·4
Nov. ..	25·731	65·4	54·7	81·1	47·6	90·5	34·5	0.33	3	2·7
Dec. ..	25·690	67·8	60·0	80·7	53·5	91·0	45·0	4·06	13	4·0
Means ..	25·772	56·3	..	74·6	44·2	..	..	Sums = 19·87	69	3·2

* Wet Bulb Thermometer frequently coated with ice in July.

Blaauwkrantz, Tzitzikama. Latitude, 34° 0′ South; Longitude, 23° 53′ East. Distance from coast, about 15 miles. Taken at 8 a.m.

Jan. ..	29·071	68·2	63·2	75·6	57·2	94·0	52·0	3·01	13	..
Feb. ..	29·076	68·2	64·2	75·1	58·2	85·0	52·0	4·18	7	..
March ..	29·159	64·1	60·3	74·1	55·5	95·0	46·0	4·18	14	..
April ..	29·209	61·6	59·9	70·1	61·2	88·0	47·0	3·22	11	..
May ..	29·201	55·3	51.1	68·2	47·8	90·0	39·0	1·20	5	..
June ..	29·210	55·2	50·1	70·8	46·1	85·0	38·0	0·47	4	..
July ..	29·374	50·3	45·0	62·0	41·0	75·0	54·0	7·28	11	..
Aug. ..	29·217	52·0	47·3	64·2	42·2	83·0	31·0	1·45	9	..
Sept. ..	29·229	56·3	52·3	67·2	46·3	90·0	41·0	3·25	7	..
Oct. ..	29·183	59·0	54·2	65·3	48·0	75·0	41·0	7·39	9	..
Nov. ..	29·238	62·2	57·2	68·2	49·1	99·0	41·0	6·39	13	..
Dec. ..	29·154	66·2	60·3	73·2	52·1	104·0	43·0	5·69	12	..
Means ..	29·194	59·9	55·4	69·5	50·4	..	..	Sums = 47·71	115	..

SUMMARIES OF METEOROLOGICAL OBSERVATIONS—*continued.*

Brakfontein. Latitude, 31° 52′ South; Longitude, 23° 0′ East. Distance from coast, about 130 miles. Taken at 8 a.m.

1886.	Barometer corrected to 32° F.	THERMOMETERS IN A STEVENSON SCREEN.						Rainfall in Inches.	Number of days on which rain fell.	Cloud 0—10.
		Dry Bulb.	Wet Bulb.	Self-Registering.						
				Mean Maximum.	Mean Minimum.	Absolute Maximum.	Absolute Minimum.			
	Inches.	°	°	°	°	°	°			
Jan. ..	26·011	69·5	62·0	86·9	..	97·0	..	1·25	5	2·8
Feb. ..	26·040	68·3	62·1	88·3	..	96·0	..	1·93	5	2·2
March ..	26·062	58·4	55·1	79·8	47·8	86·0	39·0	0·80	4	4·0
April ..	26·109	53·7	51·6	74·9	49·2	87·0	32·0	1·67	7	4·0
May ..	26·154	44·7	41·6	68·0	37·8	76·0	23·0	0·08	1	2·7
June ..	26·189	39·3	35·9	65·3	32·4	72·0	12·0	0·00	0	1·2
July ..	26·212	31·0	32·6	56·7	27·4	71·0	17·0	0·83	2	2·8
Aug. ..	26·198	41·2	37·7	64·8	33·1	76·0	20·0	0·06	1	1·7
Sept. ..	26·130	53·7	48·3	74·2	41·0	88·0	29·0	0·45	1	3·2
Oct. ..	26·058	56·3	48·5	77·2	40·7	86·0	29·0	0·88	3	2·7
Nov. ..	26·106	62·1	51·7	81·8	45·8	92·0	33·0	0·05	1	1·5
Dec. ..	26·049	66·7	58·5	83·5	51·0	97·0	39·0	1·12	6	2·6
Means ..	26·110	54·0	48·8	75·1	..	..	..	Sums = 9·12	36	2·6

Cape L'Agulhas. Latitude, 34° 50′ South; Longitude, 20° 0′ East. Coast station. Taken at 8 a.m.

Jan. ..	29·950	68·9	65·0	73·5	62·0	75·0	51·0	0·00	0	6·3
Feb. ..	29·956	70·1	66·1	73·8	64·5	77·0	59·0	0·10	1	6·8
March ..	30·005	66·1	63·5	70·1	61·0	73·0	52·0	1·45	6	8·3
April ..	30·056	62·2	60·6	66·4	57·8	72·0	53·0	0·35	4	7·3
May ..	30·050	57·2	54·4	63·5	52·4	72·0	45·0	1·14	4	5·6
June ..	30·074	55·9	54·1	62·0	52·0	72·0	46·0	0·77	5	6·9
July ..	30·226	53·1	51·9	59·3	49·5	72·0	41·0	0·59	4	5·9
Aug. ..	30·079	55·0	53·6	60·3	51·1	79·0	44·0	1·64	4	6·4
Sept. ..	30·071	57·3	55·4	61·6	53·5	72·0	48·0	0·65	3	6·8
Oct. ..	30·007	59·9	57·7	63·0	55·8	66·0	47·0	0·90	2	7·5
Nov. ..	30·071	63·1	59·6	67·4	58·5	91·0	48·0	0·30	2	7·0
Dec. ..	30·002	65·4	61·7	69·4	60·3	72·0	54·0	0·15	1	7·1
Means ..	30·045	61·2	58·6	65·9	56·6	..	..	Sums = 8·04	36	6·8

Ceres. Latitude, 33° 22′ South; Longitude, 19° 20′ East. Distance from coast, about 55 miles. Taken at 8 a.m.

Jan. ..	28·396	70·9	61·2	86·3	54·7	94·0	46·0	0·40	2	..
Feb. ..	28·380	71·2	63·3	88·0	56·0	94·5	48·0	0·00	0	..
March ..	28·436	63·9	57·8	82·1	53·2	92·5	41·0	1·89	4	..
April ..	28·499	57·3	53·7	78·3	48·0	90·0	40·0	0·27	1	..
May ..	28·530	47·8	46·0	67·8	41·8	88·0	33·5	6·40	10	..
June ..	28·587	44·1	43·2	63·6	39·1	77·5	31·0	5·10	7	..
July ..	28·678	39·0	37·8	59·7	33·9	70·5	28·0	2·14	7	..
Aug. ..	28·552	44·5	42·9	61·8	39·1	77·0	30·0	9·66	13	..
Sept. ..	28·552	50·9	48·6	67·8	41·2	86·0	34·5	7·08	8	..
Oct. ..	28·494	55·5	51·2	69·0	41·8	82·3	35·0	4·82	7	..
Nov. ..	28·499	65·0	56·2	78·5	48·5	89·0	40·0	0·05	1	..
Dec. ..	28·419	67·6	58·5	81·9	51·9	93·0	44·0	0·59	2	..
Means ..	28·502	56·5	51·7	73·7	46·0	..	..	Sums = 38·40	62	..

SUMMARIES OF METEOROLOGICAL OBSERVATIONS—*continued.*

Clanwilliam. Latitude, 32° 10′ South; Longitude, 18° 53′ East. Distance from coast, about 30 miles. Taken at 8 a.m.

1886.	Barometer corrected to 32° F.	Thermometers in a Stevenson Screen.						Rainfall in Inches.	Number of days on which rain fell.	Cloud 0—10.
		Dry Bulb.	Wet Bulb.	Self-Registering.						
				Mean Maximum.	Mean Minimum.	Absolute Maximum.	Absolute Minimum.			
	Inches.	°	°	°	°	°	°			
Jan. ..	29·675	74·4	64·6	93·6	58·8	105·5	46·0	0·01	1	2·3
Feb. ..	29·649	73·5	64·6	96·5	59·4	107·0	53·5	0·00	0	1·0
March ..	29·715	69·6	61·6	91·3	56·5	105·0	41·0	0·06	1	2·7
April ..	29·753	64·0	58·8	87·6	52·6	99·0	44·0	0·13	3	3·1
May ..	29·852	54·4	51·4	77·4	45·6	97·0	37·5	1·61	6	4·0
June ..	29·925	49·5	48·5	71·3	43·6	86·0	35·5	1·79	7	6·1
July ..	29·995	47·2	44·4	67·6	40·4	79·0	30·0	0·63	2	4·6
Aug. ..	29·890	50·8	48·4	70·2	43·3	85·0	33·0	1·14	7	7·2
Sept. ..	29·876	57·3	53·7	75·4	47·8	96·5	37·0	2·05	6	3·9
Oct. ..	29·835	61·1	55·9	78·1	46·8	96·0	38·5	0·20	2	5·0
Nov. ..	29·778	72·2	60·7	88·9	50·3	99·5	42·0	0·00	0	1·1
Dec. ..	29·727	73·6	60·4	90·3	55·1	103·0	45·0	0·01	1	2·7
Means ..	29·806	62·3	56·1	82·4	50·0	..	..	Sums = 7·63	36	3·6

Cradock. Latitude 32° 11′ South; Longitude 25° 38′ East. Distance from coast, about 108 miles. Taken at 8 a.m.

Jan. ..	27·074	71·3	64·3	89·2	57·4	101·0	44·0	2·57	8	1·4
Feb. ..	27·086	70·3	61·5	88·2	58·6	99·0	51·0	2·96	5	3·0
March ..	27·126	62·8	58·3	81·7	52·9	90·0	41·0	2·56	6	4·0
April ..	27·207	57·4	55·4	74·0	49·7	91·0	38·0	2·18	11	4·0
May ..	27·263	49·2	44·2	72·6	39·0	81·0	26·0	0·05	1	3·2
June ..	27·272	45·1	39·3	70·4	34·1	78·0	21·0	0·03	1	1·3
July ..	27·419	39·1	36·1	64·2	30·6	75·0	23·0	2·26	5	1·8
Aug. ..	27·200	47·8	41·9	69·4	36·8	83·0	29·0	0·55	4	2·0
Sept. ..	27·208	56·7	49·0	80·1	42·3	92·0	33·0	0·07	1	2·4
Oct. ..	27·113	60·2	54·0	80·4	45·6	92·0	28·0	2·07	4	2·6
Nov. ..	27·123	63·2	55·5	81·7	48·1	98·0	38·0	0·91	5	2·0
Dec. ..	27·083	67·2	59·4	85·1	52·6	101·0	42·0	1·34	8	3·4
Means ..	27·181	57·5	51·6	78·1	45·6	..	..	Sums = 17·55	59	2·6

Dunbrody. Latitude, 33° 30′ South; Longitude, 25° 30′ East. Distance from coast, about 25 Miles. Taken at 8 a.m.

Jan. ..	29·744	71·9	65·7	86·0	60·0	100·3	44·2	1·60	5	5·4
Feb. ..	29·727	70·9	67·1	83·2	61·7	100·4	53·0	1·20	5	4·1
March ..	29·755	64·4	61·8	82·6	57·0	97·5	41·2	2·01	6	6·4
April ..	29·854	61·2	59·8	75·4	55·4	99·5	46·2	2·99	14	6·2
May ..	29·883	51·5	49·7	75·7	45·5	88·8	34·0	0·16	2	4·2
June ..	29·914	47·5	45·2	74·1	40·7	83·5	32·0	0·02	1	2·4
July ..	30·074	44·5	43·1	67·5	38·6	80·0	26·0	5·15	6	5·8
Aug. ..	29·923	49·0	46·0	70·5	41·1	85·0	29·4	0·14	1	4·5
Sept. ..	29·884	57·0	53·4	76·7	46·3	97·0	35·8	1·16	5	5·0
Oct. ..	29·821	61·2	56·6	77·5	47·9	94·8	34·8	1·61	4	3·2
Nov. ..	29·863	65·1	58·7	79·7	52·0	100·7	39·4	1·25	7	5·1
Dec. ..	29·777	69·5	62·0	83·6	53·4	110·7	47·0	3·65	9	4·6
Means ..	29·852	59·5	55·7	77·7	50·0	..	..	Sums = 20·94	65	4·7

SUMMARIES OF METEOROLOGICAL OBSERVATIONS—*continued.*

East London. Latitude, 33° 2′ South; Longitude, 27° 55′ East. Coast Station. Taken at 8 a.m.

1886.	Barometer corrected to 32° F.	THERMOMETERS IN A STEVENSON SCREEN.						Rainfall in Inches.	Number of days on which rain fell.	Cloud. 0—10
		Dry Bulb.	Wet Bulb.	Self-Registering. Mean Maximum.	Mean Minimum.	Absolute Maximum.	Absolute. Minimum.			
	inches.	o	o	o	o	o	o			
Jan. ..	29·960	73·1	71·4	80·2	64·7	89·0	56·0	2·85	11	4·1
Feb. ..	29·971	71·6	68·9	79·7	66·0	88·0	63·0	2·52	12	5·7
March ..	30·029	69·3	65·4	78·0	62·0	88·0	54·0	1·45	14	4·1
April ..	30·101	66·6	64·0	74·4	60 9	82·0	56·0	2·51	13	4·4
May ..	30·159	61·1	56·7	71·0	53·6	93·0	45·0	0·12	3	3·2
June ..	30·142	58·2	53·8	75·2	51·7	89·0	41·0	0·03	1	2·1
July ..	30·228	53·7	50·9	68·0	47·3	74·0	39·0	5·98	12	2·9
Aug. ..	30·134	58·7	54·3	69·4	48·6	92·0	42·0	0·92	4	3·2
Sept. ..	30·116	65·0	60·2	76·9	53·0	98·0	44·0	0·78	3	4·4
Oct. ..	30·060	65·9	60·8	73·2	53·1	81·0	44·0	2·89	8	4·6
Nov. ..	30·080	66·7	61·6	71·3	56·3	76·0	50·0	2·33	6	3·2
Dec. ..	30·000	67·6	63·4	72·5	61·1	81·0	53·0	4·27	10	4·1
Means ..	30·082	64·8	60·9	74·4	56·5	..	..	Sums = 26·65	97	3·8

Graaff-Reinet. Latitude, 32° 16′ South; Longitude, 24° 34′ East. Distance from coast about 123 miles. Taken at 8 a.m.

Jan. ..	27·370	71·0	63·7	88·4	59·2	100·5	44·0	3·19	10	3·0
Feb. ..	27·373	70·0	65·3	87·4	60·3	99·5	52·0	2·27	5	4·7
March ..	27·428	64·2	60·4	80·9	56·1	92·5	44·0	2·66	5	5·5
April ..	27·494	60·7	57·7	73·5	53·5	94·0	44·0	2·83	11	6·3
May ..	27·504	56·2	50·9	73·9	46·7	83·0	31·5	0·08	1	3·9
June ..	27·531	51·7	43·3	72·2	42·9	81·5	26·0	0·08	1	2·7
July ..	27·519	40·3	36·8	61·4	33·6	77·0	26·5	5·01	5	2·8
Aug. ..	27·491	48·7	44·3	67·8	41·7	81·5	32·0	0·14	2	4·3
Sept. ..	27·435	58·3	50·2	76·7	47·7	94·0	34·0	0·30	2	5·7
Oct. ..	27·434	55·2	52·3	76·6	47·7	91·3	37·0	2·22	4	5·2
Nov. ..	27·462	62·6	56·0	78·9	50·5	94·5	39·0	0·35	4	4·1
Dec. ..	27·425	66·3	58·9	82·3	55·0	98·0	44·0	5·17	9	4·8
Means ..	27·455	58·8	53·3	76·6	49·6	..	..	Sums = 24·30	59	4·4

Graham's Town. Latitude, 32° 20 South; Longitude, 26° 33′ East. Distance from coast about 88 miles. Taken at 8 a.m.

Jan. ..	28·038	67·0	62·0	78·2	59·3	96·0	53·0	3·62	9	5·0
Feb. ..	28·056	66·1	62·4	78·0	60·6	92·0	56·0	4·09	9	5·1
March ..	28·144	64·3	60·0	74·1	57·8	85·0	47·0	3·42	8	5·0
April ..	28·159	60·6	57·9	71·6	56·0	92·0	51·0	5·98	14	6·2
May ..	28·178	56·8	51·4	70·2	50·4	81·0	40·5	1·11	4	3·4
June ..	28·211	51·2	49·3	69·5	48·5	79·0	40·0	0·00	0	1·4
July ..	28·301	50·2	46·7	63·8	45·3	72·0	37·0	8·30	9	3·4
Aug. ..	28·232	51·9	48·1	64·1	45·8	79·5	35·0	0·46	3	3·4
Sept. ..	28·177	58·2	53·0	71·0	50·1	93·0	41·0	0·96	6	3·6
Oct. ..	28·111	58·9	53·7	70·1	50·8	87·0	40·0	4·72	5	3·8
Nov. ..	28·159	60·0	55·4	71·3	51·8	90·0	44·0	1·86	6	5·7
Dec. ..	28·092	64·9	59·0	76·5	55·5	104·5	47·0	5·35	7	4·0
Means ..	28·155	59·4	54·9	71·5	52·7	..	..	Sums = 39·87	80	4·2

SUMMARIES OF METEOROLOGICAL OBSERVATIONS—*continued.*

Kimberley. Latitude, 28° 43′ South; Longitude, 24° 46′ East. Distance from coast about 340 miles. Taken at 8 a.m.

1886.	Barometer corrected to 32° F.	THERMOMETERS IN A STEVENSON SCREEN.						Rainfall in Inches.	Number of Days on which Rain fell.	Cloud 0–10.
		Dry Bulb.	Wet Bulb.	Self-Registering.						
				Mean Maximum.	Mean Minimum.	Absolute Maximum.	Absolute Minimum.			
	Inches.	°	°	°	°	°	°			
Jan. ..	25·925	74·5	67·6	94·0	62·2	101·0	53·3	1·62	8	2·2
Feb. ..	25·917	78·5	66·5	97·0	63·8	104·5	59·9	1·64	6	2·3
March ..	25·918	69·5	63·3	84·5	58·1	97·0	45·9	4·22	9	2·1
April ..	26·006	64·1	57·5	78·1	54·5	91·1	45·0	0·96	8	2·7
May ..	26·083	57·0	53·6	75·7	46·1	86·8	33·9	0·02	1	2·0
June .	26·132	52·8	43·5	69·7	40·2	76·0	28·4	0·10	1	0·7
July ..	26·117	45·7	39·4	63·9	34·6	75·2	28·8	0·37	2	1·2
Aug. ..	26·135	53·3	44·6	69·8	40·7	80·8	31·1	0·21	2	1·5
Sept. ..	26·090	65·3	52·4	83·9	50·0	94·5	37·4	0·09	2	1·4
Oct. ..	25·979	68·9	56·3	86·0	51·8	99·8	40·3	0·70	3	2·1
Nov. ..	25·985	74·3	60·9	89·6	55·5	99·2	39·4	0·12	2	1·3
Dec. ..	25·970	72·7	62·9	86·9	58·5	97·0	50·1	6·60	16	2·1
Means ..	26·086	64·7	55·7	81·6	51·3	..	..	Sums = 16·65	60	1·8

King William's Town. Latitude, 32° 51′ South; Longitude, 27° 22′ East. Distance from coast, about 27 miles. Taken at 8 a.m.

Jan. ..	28·534	71·4	66·5	83·0	61·0	95·0	48·5	2·57	8	3·8
Feb. ..	28·558	70·3	65·7	83·1	62·1	102·0	57·5	4·13	10	4·9
March ..	28·618	66·5	61·9	78·7	57·1	91·5	45·5	1·90	9	3·0
April ..	28·629	63·1	60·0	76·6	57·0	98·0	48·0	2·85	14	3·6
May ..	28·712	56·5	51·6	75·3	46·3	89·0	34·0	0·41	2	2·7
June ..	28·705	54·7	48·5	76·1	49·3	89·0	31·0	0·16	1	1·9
July ..	28·838	47·7	45·2	66·6	39·4	80·0	29·0	4·74	9	2·6
Aug. ..	..	53·9	48·8	69·4	43·5	88·0	34·0	0·35	4	2·8
Sept. ..	..	62·6	55·2	76·7	47·8	101·0	33·0	1·15	4	2·6
Oct. ..	..	62·1	57·4	74·9	49·3	91·5	35·0	4·76	4	3·5
Nov. ..	..	62·6	58·7	77·5	52·2	95·5	42·0	1·26	6	3·2
Dec. ..	..	66·9	61·4	82·4	56·4	101·5	47·0	5·74	11	3·9
Means ..	..	61·5	56·7	76·7	51·8	..	..	Sums = 30·02	82	3·2

Kokstadt. Latitude, 30° 33′ South; Longitude, 29° 26′ East. Distance from coast about 60 miles. Taken at 8 a.m.

Jan. ..	25·625	68·2	65·5	77·6	55·0	88·0	43·0	6·23	11	4 7
Feb. ..	25·647	70·4	65·4	80·8	55·5	91·0	51·0	4·41	11	4·7
March ..	25·662	62·8	61·1	76·1	50·0	86·0	37·0	2·79	8	3·4
April ..	25·722	57·5	55·9	74·4	45·7	85·0	36·0	1·43	7	3·7
May ..	25·758	49·7	48·2	71·3	35·9	79·0	30·0	0·24	1	0·5
June ..	25·771	48·8	45·9	73·2	30·0	83·0	23·0	0·00	0	0·4
July ..	25·796	35·3	33·7	60·8	24·1	67·0	18·0	0·00	0	0·3
Aug. ..	25·751	46·5	43·8	64·4	36·1	80·0	27·0	0·50	1	2·3
Sept. ..	25·756	59·6	55·5	75·9	42·2	87·0	28·0	0·18	2	2·0
Oct. ..	25·664	61·1	56·5	75·2	45·9	92·0	39·0	0·29	3	3·4
Nov. ..	25·685	62·5	57·1	72·5	47·2	89·0	35·0	3·73	15	5·1
Dec. ..	25·668	64·4	61·2	74·9	50·7	95·0	46·0	2·62	10	4·0
Means ..	25·710	57·2	54·1	73·1	43·2	..	..	Sums = 22·42	69	2·9

SUMMARIES OF METEOROLOGICAL OBSERVATIONS—*continued.*

Lovedale. Latitude, 32° 46′ South; Longitude, 26° 51′ East. Distance from coast, about 53 miles. Taken at 8 a.m.

1886.	Barometer corrected to 32° F.	THERMOMETERS IN A STEVENSON SCREEN.						Rainfall in Inches.	Number of days on which rain fell.	Cloud 0—10.
		Dry Bulb.	Wet Bulb.	Self-Registering.						
				Mean Maximum.	Mean Minimum.	Absolute Maximum.	Absolute Minimum.			
	Inches.	°	°	°	°	°	°			
Jan. ..	28·144	*70·5	*64·3	*87·1	*60·6	*105·5	*46·0	4·63	10	5·0
Feb. ..	28·163	68·3	64·2	84·0	61·2	98·0	54·5	6·36	10	2·1
March ..	28·208	63·9	60·2	76·0	56·5	86·5	44·5	2·08	11	5·1
April ..	28·273	60·1	57·3	74·2	53·4	91·5	45·5	3·02	11	6·4
May ..	28·290	52·7	48·5	72·4	44·8	83·0	34·0	0·60	4	3·9
June ..	28·320	49·9	44·5	70·5	41·7	80·5	28·5	0·08	1	3·0
July ..	28·416	42·9	40·7	62·0	37·2	75·0	28·5	7·06	8	2·8
Aug. ..	28·283	50·3	47·5	66·7	42·0	85·0	33·0	0·26	5	4·0
Sept. ..	28·289	58·8	53·7	75·5	47·1	95·5	35·0	0·93	6	2·9
Oct. ..	28·213	59·8	55·0	75·5	49·5	89·5	35·5	4·76	6	4·3
Nov. ..	28·257	63·0	56·8	75·6	51·0	92·5	41·0	1·95	8	6·0
Dec. ..	28·190	67·6	60·6	81·3	55·0	104·5	46·0	6·33	12	5·3
Means ..	28·254	59·0	54·4	75·1	50·0	..	..	Sums = 38·09	92	4·4

* These Thermometers are in a Thatched Venetian Hut.

Mossel Bay. Latitude 34° 11′ South; Longitude 22° 9′ East. Coast Station. Taken at 8 a.m.

Jan. ..	29·853	69·9	66·0	76·9	63·8	88·0	53·0	1·03	8	4·2
Feb. ..	29·816	70·6	66·1	77·1	63·8	81·0	62·0	1·53	4	4·9
March ..	29·910	64·8	62·3	72·9	60·0	81·0	54·0	0·55	4	5·3
April ..	29·965	61·3	59·9	70·6	58·2	78·0	52·0	1·99	11	6·7
May ..	29·963	56·0	52·9	68·4	52·4	88·0	47·0	0·68	5	4·7
June ..	29·996	55·8	51·7	70·9	51·3	87·0	46·0	0·63	3	4·0
July ..	30·146	50·5	48·6	64·2	47·2	74·0	43·0	2·22	9	3·6
Aug. ..	29·987	54·5	51·5	66·2	50·5	84·0	43·0	1·02	6	4·5
Sept. ..	30·000	56·5	54·3	66·5	52·3	83·0	47·0	1·51	6	6·9
Oct. ..	29·947	59·8	56·2	67·4	54·0	79·0	45·0	1·65	9	5·7
Nov. ..	29·879	63·1	58·3	70·5	57·6	103·0	49·0	1·62	8	5·4
Dec. ..	29·895	65·2	60·3	71·3	60·2	77·0	55·0	1·87	9	4·3
Means ..	29·946	60·7	57·3	70·2	55·9	..	..	Sums = 16·30	82	5·0

Port Elizabeth. Latitude, 33° 57′ South; Longitude, 25° 37′ East. Distance from coast about 1 mile. Taken at 8 a.m.

Jan. ..	29·779	71·4	66·2	76·4	64·3	83·0	54·0	1·49	5	5·5
Feb. ..	29·789	71·8	67·5	76·6	65·8	85·0	62·0	0·72	6	5·6
March ..	29·847	66·8	63·2	73·7	58·5	84·5	53·0	1·25	8	6·0
April ..	29·919	64·4	62·2	71·1	60·3	86·5	56·0	3·56	12	6·1
May ..	29·933	57·9	53·9	69·4	52·9	90·0	43·0	0·44	5	5·0
June ..	29·942	57·5	53·7	71·5	53·0	88·0	47·0	0·18	2	4·6
July ..	30·077	52·4	49·8	63·0	45·1	72·5	38·0	5·81	10	3·8
Aug. ..	29·929	55·6	51·4	65·1	50·5	84·0	42·0	1·05	3	4·9
Sept ..	29·928	58·8	55·5	66·4	53·3	81·0	46·5	0·50	4	5·7
Oct. ..	29·865	61·9	57·6	67·3	54·9	74·0	50·0	3·58	7	6·1
Nov. ..	29·915	64·2	59·8	70·2	56·5	78·5	49·0	1·47	9	6·5
Dec. ..	29·798	66·2	61·8	72·1	59·7	99·0	62·5	2·51	5	4·9
Means ..	29·894	62·4	58·6	70·2	56·2	..	..	Sums = 22·56	76	5·4

SUMMARIES OF METEOROLOGICAL OBSERVATIONS—*continued.*

Prince Albert. Latitude, 33° 14′ South; Longitude, 22° 0′ East. Distance from coast about 60 miles. Taken at 8 a.m.

1886.	Barometer corrected to 32° F.	THERMOMETERS IN A STEVENSON SCREEN.						Rainfall in Inches.	Number of days on which rain fell.	Cloud. 0—10.
		Dry Bulb.	Wet Bulb.	Self Registering.						
				Mean Maximum.	Mean Minimum.	Absolute Maximum.	Absolute Minimum.			
	Inches.	o	o	o	o	o	o			
Jan. ..	27·806	71·4	66·6	91·2	63·8	99·0	50·0	1·50	7	..
Feb. ..	27·805	70·1	63·9	90·9	63·1	98·0	58·0	2·19	2	..
March ..	27·893	63·4	59·7	81·3	58·5	96·0	48·0	0·28	2	..
April ..	27·938	59·8	55·7	79·0	54·4	90·0	48·0	1·67	5	..
May ..	27·924	52·3	48·1	71·0	46·9	82·0	40·0	0·00	0	..
June ..	28·041	47·8	43·6	69·5	43·0	80·0	36·0	0·06	2	..
July ..	28·092	44·7	37·8	65·2	35·9	70·0	32·0	1·34	4	..
Aug. ..	28·067	49·0	42·7	69·2	40·7	78·0	34·0	1·33	3	..
Sept. ..	27·949	54·0	47·9	75·2	46·6	93·0	35·0	1·62	3	..
Oct. ..	27·938	57·0	51·0	76·0	50·0	91·0	42·0	0·47	1	..
Nov. ..	27·963	61·0	57·0	80·0	52·0	98·0	46·0	0·26	3	..
Dec. ..	27·890	67·7	64·6	85·3	57·9	105·0	48·0	1·90	3	..
Means ..	27·942	58 2	53·2	77·8	51·1	..	..	Sums = 12·62	35	..

Bloemfontein, O. F. State. Latitude, 28° 56′ South; Longtitude, 26° 18′ East. Distance from coast about 290 miles. Taken at 9 a.m.

Jan. ..	25·522	73·0	64·0	85·2	61·4	95·0	51·5	3·05	8	3·7
Feb. ..	25·518	75·1	66·1	91·7	61·7	98·0	57·0	0·97	6	2·3
March ..	25·584	65·7	60·7	79·8	53·9	92·0	44·0	5·24	8	3·5
April ..	25·621	62·3	55·7	76·3	48·8	84·0	41·0	1·88	7	3·1
May ..	25·668	58·4	48·4	69·6	39·4	75·0	26·0	0·00	0	1·4
June ..	25·713	49·6	41·5	65·6	30·4	71·0	19·0	0·05	1	0·7
July ..	25·688	42·7	36·3	57·6	28·1	68·0	21·0	0·55	4	1·7
Aug. ..	25·654	49·6	41·8	66·4	34·9	79·0	26·0	0·43	3	2·0
Sept. ..	25·661	61·3	50·0	75·6	42·9	97·0	30·0	0·00	0	1·0
Oct. ..	25·545	68·0	54·6	84·5	45·2	93·0	35·0	0·58	4	2.1
Nov. ..	25·564	69·9	56·8	86·1	52·7	97·0	36·5	0·91	4	1·7
Dec. ..	25·526	68·5	60·3	80·0	55·3	90·0	47·0	3·81	14	3·8
Means ..	25·605	62.0	53·0	76·5	46·2	..	..	Sums = 17·47	59	2·3

Simon's Town. Latitude, 34° 12′ South; Longitude, 18° 26′ East. Coast Station. Taken at 8 a.m.

Jan. ..	29·899	70·1	62·3	76·7	64·2	92·0	59·5	0·71	3	2·8
Feb. ..	29·907	70·7	63·8	77·6	65·2	89·0	60·0	0·10	2	2·2
March ..	29·924	66·6	60·1	75·2	61·6	90·0	57·5	2·28	9	4·3
April ..	29·976	65·2	58·1	74·3	59·7	85·0	55·5	0·65	5	3·0
May ..	30·004	59·4	54·5	66·8	54·2	84·0	49·0	3·40	13	4·2
June ..	30·049	58·2	54·8	64·9	54·2	82·0	48·0	4·86	12	6·0
July ..	30·166	55·3	50·3	64·1	50·5	74·5	44·0	3·23	11	4·0
Aug. ..	30·040	56·0	52·3	63·0	51·6	75·0	45·0	4·30	12	6·3
Sept. ..	30·050	58·9	54·3	66·8	53·2	86·0	46·5	2·57	11	4·4
Oct. ..	30·016	60·9	55·1	67·7	53·9	79·0	47·5	3·69	9	5·0
Nov. ..	30·023	66·2	58·2	72·4	57·6	87·0	50·0	0·42	5	3·6
Dec. ..	29·979	67·6	58·9	75·0	59·6	85·0	54·0	2·24	7	3·8
Means ..	30·003	62·9	56·9	70·4	57·1	..	..	Sums = 28·45	99	4·1

SUMMARIES OF METEOROLOGICAL OBSERVATIONS—*continued.*

Somerset East. Latitude, 32° 44′ South; Longitude, 25° 35′ East. Distance from coast, about 70 miles. Taken at 8 a.m.

1886.	Barometer corrected to 32° F.	THERMOMETERS IN A STEVENSON SCREEN.						Rainfall in Inches.	Number of days on which rain fell.	Cloud 0—10.
		Dry Bulb.	Wet Bulb.	Self-Registering.						
				Mean Maximum.	Mean Minimum.	Absolute Maximum.	Absolute Minimum.			
	Inches.	o	o	o	o	o	o			
Jan. ..	27·506	67·6	62·3	84·5	57·6	100·6	42·6	4·08	11	3·1
Feb. ..	27·510	66·6	61·8	84·0	58·4	98·5	52·2	4·01	8	5·1
March ..	27·554	62·0	58·7	77·8	51·6	89·4	41·2	2·12	10	5·2
April ..	27·611	58·8	56·1	75·1	52·6	95·2	43·8	6·33	12	6·3
May ..	27·613	53·9	47·8	69·7	45·1	84·1	32·7	0·61	1	3·1
June ..	27·676	51·4	45·2	71·5	42·7	81·7	27·7	0·16	2	2·0
July ..	27·747	41·4	38·9	61·7	36·0	76·0	27·0	5·38	9	2·2
Aug. ..	27·622	49·5	44·1	66·8	43·3	85·1	28·3	0·65	4	3·3
Sept. ..	27·623	57·1	50·2	75·6	47·8	94·0	33·4	1·40	9	3·1
Oct. ..	27·552	57·1	51·9	75·4	47·5	90·3	34·4	5·18	6	3·7
Nov. ..	27·601	60·2	54·7	77·0	50·2	95·2	38·3	1·94	6	3·9
Dec. ..	27·530	64·8	58·3	80·3	53·6	103·2	43·1	6·78	11	4·0
Means ..	27·595	57·5	52·5	74·9	49·1	..	..	Sums = 38·64	89	3·7

South African College. Latitude 33° 56′ South; Longitude, 18° 24′ East. Distance from coast, about 1 mile. Taken at 8 a.m.

Jan. ..	29·850	71·7	63·2	80·3	59·3	97·3	52·3	·0·37	2	..
Feb. ..	29·823	71·5	63·5	81·4	60·3	93·0	52·5	0·00	0	..
March ..	29·894	68·3	67·1	77·8	57·8	95·5	48·3	4·77	4	..
April ..	29·945	64·6	59·6	75·5	54·6	92·0	48·5	0·83	6	..
May ..	29·988	57·8	54·2	67·3	48·7	82·5	40·3	2·67	11	..
June ..	30·038	56·3	53·7	64·6	49·9	79·8	40·3	5·21	13	..
July ..	30·139	52·2	48·5	63·4	44·9	77·0	35·0	3·33	8	..
Aug. ..	30·024	54·7	51·1	62·6	47·8	82·0	36·5	3·71	13	..
Sept. ..	30·010	58·4	53·6	66·2	48·6	89·0	40·3	1·57	9	..
Oct. ..	29·996	59·9	54·8	66·1	49·2	77·8	41·8	3·30	9	..
Nov. ..	29·973	67·5	57·9	74·2	54·0	88·5	44·0	0·18	4	..
Dec. ..	29·918	68·5	58·5	74·8	54·5	90·5	46·5	0·87	5	..
Means ..	29·966	62·6	57·1	71·2	52·5	..	..	Sums = 26·81	84	..

Stutterheim. Latitude, 32° 34′ South; Longitude, 27° 24′ East. Distance from coast, about 50 miles. Taken at 8 a.m.

Jan. ..	27·256	64·2	61·5	84·6	57·2	105·0	43·0	4·86	14	5·5
Feb. ..	27·271	63·7	61·3	82·8	59·6	101·0	54·0	5·33	14	7·0
March ..	27·299	57·3	52·0	80·0	53·4	93·5	41·0	1·62	17	5·2
April ..	27·347	55·5	53·6	77·4	51·7	94·0	44·0	3·64	10	5·1
May ..	27·380	52·0	47·4	74·0	44·4	86·0	30·0	0·55	3	3·7
June ..	27·421	49·5	43·1	73·2	42·1	81·0	29·0	0·15	1	2·8
July ..	27·467	45·5	41·4	64·4	36·4	79·0	27·0	3·28	5	3·3
Aug. ..	27·364	47·3	42·9	67·9	40·3	88·0	28·0	0·60	2	4·0
Sept, ..	27·399	54·2	48·2	79·1	46·4	93·0	33·0	0·89	4	4·8
Oct. ..	27·317	52·7	50·2	76·1	46·4	93·0	33·5	3·28	5	5·2
Nov. ..	27·343	54·6	51·8	73·4	49·2	94·0	40·0	1·33	8	5·4
Dec. ..	27·268	59·8	55·6	77·8	53·3	103·0	43·0	3·25	11	5·1
Means ..	27·341	54·7	50·7	75·9	48·4	..	..	Sums = 28·78	94	4·7

SUMMARIES OF METEOROLOGICAL OBSERVATIONS—*continued.*

Swellendam. Latitude, 34° 4′ South; Longitude, 20° 27′ East. Distance from coast, about 28 miles. Taken at 8 a.m.

1886.	Barometer corrected to 32° F.	THERMOMETERS IN A STEVENSON SCREEN.						Rainfall in Inches.	Number of days on which rain fell.	Cloud. 0—10.
		Dry Bulb.	Wet Bulb.	Self-Registering.						
				Mean Maximum.	Mean Minimum.	Absolute Maximum.	Absolute Minimum.			
	Inches.	°	°	°	°	°	°			
Jan. ..	29·438	72·4	66·0	85·6	58·0	95·0	48·0	3·98	9	..
Feb. ..	29·490	71·1	65·5	85·6	58·2	94·0	53·0	2·93	5	..
March ..	29·566	66·2	63·3	80·5	58·4	90·0	49·0	3·07	5	..
April ..	29·556	61·7	59·6	75·2	52·2	84·0	44·0	2·61	9	..
May ..	29·572	54·8	52·7	70·4	45·6	80·0	36·0	2·57	7	..
June ..	29·589	55·2	52·0	70·2	43·6	86·0	30·0	1·05	5	..
July ..	29·718	46·8	44·5	63·8	38·1	76·0	30·0	1·83	5	..
Aug. ..	29·569	53·6	51·4	66·3	44·7	82·0	36·0	2·43	8	..
Sept. ..	29·559	57·4	54·2	71·6	46·2	90·0	38·0	3·68	8	..
Oct. ..	29·577	60·0	58·0	71·2	45·4	84·0	36·0	4·97	8	..
Nov. ..	29·585	64·6	61·7	75·6	50·7	100·0	40·0	1·70	6	..
Dec. ..	29·479	67·2	65·2	80·2	53·7	96·0	46·0	3·58	8	..
Means ..	29·558	61·0	57·8	74·7	49·6	..	..	Sums = 34·40	83	..

Wellington. Latitude, 33° 38′ South; Longitude, 19° 0′ East. Distance from coast, about 33 miles. Taken at 8 a.m.

Jan. ..	29·517	73·5*	65·5*	86·5*	.. *	100·0*	.. *	0·09	1	2·1
Feb. ..	29·550	74·7	65·9	85·8	..	95·5	..	0·00	0	1·0
March ..	29·514	70·3	67·2	81·6	..	94·0	..	1·54	4	3·0
April ..	29·621	64·7	59·7	78·3	..	88·5	..	0·41	3	2·6
May ..	29·649	56·0	52·5	67·7	..	83·5	..	3·44	10	2·8
June ..	29·685	53·8	50·8	63·7	..	73·0	..	4·97	11	5·5
July ..	29·743	48·3	44·8	60·3	..	69·0	..	2·23	9	2·6
Aug. ..	29·664	52·5	49·7	62·5	..	72·0	..	4·70	11	6·5
Sept. ..	29·675	55·8	52·6	67·5	..	82·0	..	2·61	9	4·1
Oct. ..	29·629	59·8	55·4	70·1	..	82·0	..	2·67	6	4·8
Nov. ..	29·603	68·3	59·1	78·5	53·5	90·0	44·0	0·26	3	1·6
Dec. ..	29·520	71·6	61·8	81·4	..	92·0	..	0·51	3	2·3
Means ..	29·614	62·4	57·1	73·6	..	..	..	Sums = 23·43	70	3·2

* These Thermometers are in a Window Screen.

Wynberg. Latitude, 34° 1′ South; Longitude, 18° 28′ East. Distance from coast, about 7 miles. Taken at 8 a.m.

Jan. ..	29·734	69·8	62·9	81·1	59·9	101·0	50·5	0·22	2	2·0
Feb. ..	29·718	67·5	62·8	82·4	60·1	98·5	54·2	0·02	1	2·3
March ..	29·751	62·8	59·6	76·8	57·4	89·2	52·8	3·95	5	3·3
April ..	29·790	60·6	57·3	74·8	56·0	84·0	49·2	0·34	4	2·1
May ..	29·838	54·8	51·9	68·0	48·8	88·2	43·2	6·68	10	4·1
June ..	29·886	54·7	52·4	65·6	50·7	82·0	42·6	9·30	17	5·9
July ..	29·987	51·7	48·5	63·4	46·1	75·0	39·7	5·02	11	3·5
Aug. ..	29·891	53·1	50·3	62·7	47·8	83·7	40·2	6·49	13	6·5
Sept. ..	29·854	56·1	53·0	67·8	50·4	90·0	43·8	4·99	10	4·6
Oct. ..	29·844	59·1	54·6	67·3	51·2	75·0	41·0	3·84	10	4·1
Nov. ..	29·829	66·5	58·6	72·4	54·4	86·0	48·0	0·18	2	2·0
Dec. ..	29·774	66·3	59·4	74·1	55·6	83·7	50·8	1·74	5	2·3
Means ..	29·825	60·4	55·9	71·4	53·2	..	..	Sums = 42·77	90	3·6

VAN STAADEN'S RIVER.

RAINFALL.

	Height above Sea Level.	Jan.	Feb.	Mar.	Apl.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Upper Gauge ..	1522	2·50	2·40	2·36	5·80	0·25	0·10	10·28	0·65	2·28	2·70	4·05	3·55	36·92
Lower Gauge ..	988	2·60	2·55	2·35	6·20	0·19	0·11	10·05	0·89	2·10	2·65	3·68	3·37	36·74

EVAPORATION.

Jan.	Feb.	Mar.	Apl.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
2·60	6·55	2·06	1·20	1·49	2·11	0·05	1·97	2·17	4·25	2·18	4·87	31·50

RAINFALL RETURN—1886.

STATION.	Approximate Height above sea.	South Latitude.	East Longitude.	JANUARY.	Number of days on which rain fell.	FEBRUARY.	Number of days on which rain fell.	MARCH.	Number of days on which rain fell.	APRIL.	Number of days on which rain fell.	MAY.	Number of days on which rain fell.	JUNE.	Number of days on which rain fell.	JULY.	Number of days on which rain fell.	AUGUST.	Number of days on which rain fell.	SEPTEMBER.	Number of days on which rain fell.	OCTOBER.	Number of days on which rain fell.	NOVEMBER.	Number of days on which rain fell.	DECEMBER.	Number of days on which rain fell.	Total.	Total number of days.
I. Cape Peninsula.	feet.	° ′	° ′	in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.	
Royal Observatory ..																													
(*a*) 12 inch gauge ..	37	33 56	18 29	0·23	3	0·00	0	3·33	5	0·65	4	2·40	9	7·68	13	2·43	9	3·89	10	2·50	9	3·58	7	0·30	4	0·80	4	27·79	77
(*b*) 8 inch gauge ..	37	..	..	0·22	3	0·00	0	3·20	5	0·56	4	2·40	9	7·31	13	2·28	9	3·56	10	2·29	9	3·39	7	0·23	4	0·80	4	26·24	77
(*c*) 8 inch gauge on roof	53	..	..	0·20	3	0·00	0	3·03	5	0·53	4	2·15	9	6·67	13	2·00	9	3·01	10	2·01	9	3·15	7	0·18	4	0·73	4	23·66	77
Cape Town, Town House..	88	33 55	18 25	0·24	2	0·00	0	3·56	3	0·71	3	2·18	9	4·37	10	2·70	6	2·58	12	1·28	5	2·55	9	0·08	2	0·53	4	20·78	65
Do. S. A. College	115	..	..	0·37	2	0·00	0	4·77	4	0·83	6	2·67	11	5·21	13	3·33	8	3·71	13	1·57	9	3·30	9	0·18	4	0·87	5	26·81	84
Do. Kloof Street..	450	33 56	18 24	0·45	3	0·03	1	5·20	5	0·98	6	3·11	12	5·59	15	3·37	8	4·97	12	1·85	9	3·89	10	0·28	4	1·12	5	30·84	90
Do. Green Point ..	20	33 54	18 24	0·03	1	0·00	0	2·02	4	0·37	2	2·52	8	3·57	11	2·09	9	2·19	12	1·40	5	2·20	5	0·00	0	0·47	4	16·86	61
Do. Sea Point ..	15	33 56	18 23	0·21	1	0·00	0	2·45	4	0·35	2	1·87	9	3·65	12	1·39	9	2·19	11	1·18	5	..	..	..	..	..	..	..	..
Do. Villa Marina	25	..	..	0·19	2	0·00	0	2·40	5	0·46	3	2·09	9	4·07	12	1·62	6	2·19	12	1·28	5	2·71	9	0·08	2	0·49	4	17·58	69
Do. Platteklip ..	550	33 57	18 25	0·57	2	0.00	0	5·07	4	1·37	5	4·50	11	8·94	14	4·05	10	6·31	14	2·57	9	4·14	9	0·22	1	1·94	4	39·68	83
Do. Signal Hill ..	1,143	33 55	18 24	0·20	2	0·03	1	2·42	4	0·39	3	1·81	9	2·91	10	2·20	9	2·13	11	0·77	5	2·28	7	0·00	0	0·43	3	15·57	64
Table Mountain (*a*) ..	2,500	33 59	18 25	0·42	..	0·08	..	4·57	..	0·95	..	4·89	..	9·12	..	3·92	..	5·81	..	3·27	..	4·28	..	0·84	..	2·54	..	40·69	..
Do. (*b*) ..	3,100	..	..	1·36	..	1·09	..	6·23	..	0·92	..	6·48	..	11·82	..	5·01	..	7·72	..	4·45	..	5·43	..	0·86	..	3·30	..	54·67	..
Do. (*c*) ..	2,500	..	..	1·09	..	0·17	..	6·14	..	1·12	..	5·71	..	12·15	..	5·31	..	8·37	..	4·89	..	5·15	..	0·77	..	3·00	..	53·87	..
Do. (*d*) ..	3,050	..	..	1·24	..	0·62	..	7·12	..	1·15	..	6·95	..	15·45	..	6·44	..	11·00	..	5·78	..	6·45	..	0·90	..	4·36	..	67·46	..
Raapenburg, Mowbray ..	40	33 57	18 30	..	..	..	..	..	..	..	..	2·53	12	7·85	14	3·04	8	3·51	12	2·22	10	3·33	9	0·16	2	1·19	5	..	..
Rondebosch	100	33 58	18 29	0·28	1	0·03	1	3·75	5	0·61	4	3·97	11	12·74	16	4·81	8	7·42	12	4·36	11	3·94	10	0·17	3	2·54	5	44·62	87
Newlands, Kelvin Grove ..	83	33 58	18 27	0·30	2	0·06	1	4·08	5	0·47	3	4·30	10	14·33	12	6·57	7	9·20	10	4·65	10	6·50	9	0·16	3	3·65	5	54·27	77
Newlands, La Rochelle ..	83	..	..	0·30	1	0·07	1	4·23	3	0·49	2	4·61	9	15·35	14	7·53	7	10·08	11	5·23	8	6·81	7	0·24	4	3·80	3	58·74	70
Claremont	91	33 59	18 28	0·58	2	0·08	2	4·47	5	0·48	4	5·29	10	13·41	16	8·00	11	10·96	13	7·04	12	5·23	9	..	..	..	..	..	..
Bishop's Court	250	33 59	18 27	0·50	3	0·08	2	4·51	7	0·50	5	7·36	13	11·58	18	6·17	11	8·22	14	5·67	12	5·19	11	0·39	6	2·65	6	52·82	108
Wynberg	250	34 1	18 28	0·22	2	0·02	1	3·95	5	0·34	4	6·68	10	9·30	17	5·02	11	6·49	13	4·99	10	3·84	10	0·18	2	1·74	5	42·77	90
Wynberg Hill, Silverhurst	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3·61	6	0·21	4	1·79	5	..	..
Tokai	..	..	..	..	..	..	..	..	..	0·55	3	4·57	12	6·63	12	3·09	9	5·19	11	3·45	12	3·63	10	0·71	5	1·95	5	..	..
Simon's Town (*a*)	20	34 12	18 26	0·81	3	0·15	3	2·23	9	0·70	5	3·82	12	5·23	13	3·28	12	4·82	13	2·61	10	3·54	10	0·39	6	2·22	6	29·80	102
Simon's Town (*b*)	20	..	..	0·71	3	0·10	2	2·28	9	0·65	5	3·40	13	4·86	12	3·23	11	4·30	12	2·57	11	3·69	9	0·42	5	2·24	7	28·45	99

RAINFALL RETURN—1886.

STATION.	Approximate Height above sea.	South Latitude.	East Longitude.	JANUARY.	Number of days on which rain fell.	FEBRUARY.	Number of days on which rain fell.	MARCH.	Number of days on which rain fell.	APRIL.	Number of days on which rain fell.	MAY.	Number of days on which rain fell.	JUNE.	Number of days on which rain fell.	JULY.	Number of days on which rain fell.	AUGUST.	Number of days on which rain fell.	SEPTEMBER.	Number of days on which rain fell.	OCTOBER.	Number of days on which rain fell.	NOVEMBER.	Number of days on which rain fell.	DECEMBER.	Number of days on which rain fell.	Total.	Total number of days.
II. South West.	feet.	° ′	° ′	in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.	
Somerset West	100	34 5	18 52	0·27	1	0·00	0	1·05	5	0·38	3	3·29	10	4·53	9	..	..	4·95	9	2·14	5	3·23	4	0·22	1	1·21	2	..	..
Houw Hoek	960			..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2·78	9	4·95	7	1·26	3	1·35	3	..	..
Caledon	760	34 14	19 27	0·33	2	1·14	5	0·84	7	1·15	6	3·18	8	1·19	7	1·18	7	2·19	10	2·24	10	5·18	7	0·43	3	1·65	4	20·70	76
Stellenbosch Gaol	400	33 26	18 52	0·36	2	0·00	0	2·21	6	0·57	4	4·40	11	3·93	12	2·37	9	5·80	11	2·52	11	3·07	7	0·39	3	1·24	4	26·86	80
Do. College ..	..	..	..	..	..	..	..	..	..	..	..	4·19	11	3·14	6	..	..	5·72	12	2·44	10	3·68	10	0·33	3	..	..	..	..
Klapmuts	555?	33 50	18 50	0·32	2	0·00	0	2·46	6	0·79	6	3·81	13	5·37	12	1·80	8	5·36	13	3·38	10	3·48	8	0·39	4	1·03	5	29·19	87
Paarl	500	33 47	18 58	0·64	2	0·05	1	2·83	5	0·70	3	5·17	9	9·19	11	2·89	7	8·11	13	3·20	7	3·54	6	0·39	1	0·75	3	37·46	68
Wellington Gaol	400	33 38	19 00	0·10	2	0·05	1	1·84	3	0·39	3	3·51	8	5·28	7	1·59	6	5·13	4	2·56	4	2·36	5	0·21	2	0·84	1	23·86	46
Do. Huguenot Seminary	..	..	..	0·09	1	0·00	0	1·54	4	0·41	3	3·44	10	4·97	11	2·23	9	4·70	11	2·61	9	2·67	6	0·26	3	0·51	3	23·43	70
Tulbagh	400	33 17	19 9	0·06	1	0·00	0	0·46	1	0·10	1	2·69	6	1·61	4	0·94	2	2·98	7	1·90	4	2·20	6	0·08	1	0·54	2	13·56	35
Do. Waterfalls ..	490	33 22	19 8	0·18	2	0·00	0	1·20	4	0·20	2	6·94	12	3·46	6	1·40	5	4·81	9	3·50	6	2·81	6	0·24	2	0·56	2	25·30	56
Ceres	1,493	33 22	19 20	0·40	2	0·00	0	1·89	4	0·27	1	6·40	10	5·10	7	2·14	7	9·66	13	7·08	8	4·82	7	0·05	1	0·59	2	38·40	62
Rocklands, Cold Bokkeveld	2,500	33 1	19 23	0·12	1	0·00	0	0·16	1	0·37	1	4·25	7	2·98	7	1·89	3	4·45	7	5·27	6	1·75	4	0·16	1	0·48	2	21·88	40
Worcester	780	33 40	19 27	0·48	1	0·00	0	0·00	0	0·53	2	1·48	7	1·62	5	0·90	4	1·34	7	1·74	5	2·60	4	0·16	2	0·55	2	11·40	39
Robertson	600	33 47	19 51	0·75	3	0·21	3	0·27	2	0·58	4	1·48	9	1·02	4	1·67	4	1·73	9	1·87	6	2·47	6	0·63	5	2·86	5	15·54	60
Montagu	727	33 48	20 9	0·64	2	0·00	0	0·00	0	0·70	3	1·55	5	0·32	2	3·11	5	1·52	7	1·55	4	2·50	3	0·53	2	0·40	1	12·82	34
III. West Coast.																													
Malmesbury	460	33 28	18 43	0·22	2	0·00	0	0·87	5	0·72	5	2·06	9	2·76	10	1·44	6	2·63	10	2·36	6	2·22	7	0·10	2	0·41	2	15·82	64
Groote Post		33 28	18 24	0·18	..	0·00	..	0·77	..	0·32	..	2·55	..	2·48	..	0·86	..	1·88	..	1·94	..	1·22	..	0·15	..	0·76	..	13·11	..
Saron	600	33 11	19 0	0·20	1	0·00	0	1·52	2	0·10	1	4·96	8	3·90	6	1·30	2	4·31	7	3·45	6	2·45	5	0·11	1	1·17	2	23·47	41
Clanwilliam Gaol	245	32 10	18 53	..	..	..	..	..	..	..	..	..	..	..	..	0·52	2	0·62	5	1·55	4	0·17	2	0·00	0	0·00	0	..	..
Clanwilliam	..	..	..	0·01	1	0·00	0	0·06	1	0·13	3	1·61	6	1·79	7	0·63	2	1·14	7	2·05	6	0·20	2	0·00	0	0·01	1	7·63	36
Piquetberg	700	32 53	18 45	0·15	1	0·00	0	0·37	2	0·25	2	5·91	6	2·10	5	3·50	5	4 19	6	5·71	6	4·54	5	0·64	1	0·61	2	27·97	41
Bikoes, Bokkeveld ..				0·08	1	0·00	0	0·65	3	0·45	3	2·61	6	2·98	8	1·22	4	3·33	8	2·03	5	0·45	3	0·08	1	0·00	0	13·88	42
Van Rhyns Dorp	400	31 35	18 45	0·00	0	0·00	0	0·12	1	0·15	2	1·09	4	1·30	5	0·43	2	1·01	4	0·54	4	0·03	1	0·00	0	0·00	0	4·67	23
Garies	830	30 19	18 4	0·23	3	0·03	1	0·00	0	0·29	2	1·07	4	0·51	2	0·20	1	1·17	4	0·20	2	0·32	2	0·00	0	0·00	0	4·02	21

RAINFALL RETURN—1886.

STATION.	Approximate Height above sea.	South Latitude.	East Longitude.	JANUARY.	Number of days on which rain fell.	FEBRUARY.	Number of days on which rain fell.	MARCH.	Number of days on which rain fell.	APRIL.	Number of days on which rain fell.	MAY.	Number of days on which rain fell.	JUNE.	Number of days on which rain fell.	JULY.	Number of days on which rain fell.	AUGUST.	Number of days on which rain fell.	SEPTEMBER.	Number of days on which rain fell.	OCTOBER.	Number of days on which rain fell.	NOVEMBER.	Number of days on which rain fell.	DECEMBER.	Number of days on which rain fell.	Total.	Total number of days.
III. West Coast.—*continued.*	feet.	° ′	° ′	in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.	
Ebenezer, Oliphants River	100	31 35	18 20	0·00	0	0·02	1	0·51	2	1·15	3	0·81	4	0·58	5	0·58	4	0·64	4	2·05	3	0·09	2	0·00	0	0·01	1	6·44	29
Lilyfontein, Kamiesburg ..	5,000	30 18	18 5	0·00	0	0·00	0	0·00	0	0·75	2	2·23	3	0·81	2	0·45	1	1·13	2	0·46	2	0·67	2	0·00	0	0·00	0	6·50	14
Springbok..	3,200	29 40	17 53	0·11	1	0·46	1	0·52	2	0·98	3	2·07	5	0·51	5	0·46	2	1·26	3	1·26	3	0·81	3	0·00	0	0·00	0	8·44	28
O'okiep (*a*)	3,009	29 36	17 53	0·31	2	0·06	1	0·22	2	0·81	3	1·49	6	0·58	3	0·09	1	1·23	3	0·43	4	0·72	3	0·03	1	0·05	1	6·02	30
O'okiep (*b*) Cape Copper Co.	..	..	..	0·31	2	0·11	2	0·32	3	0·81	3	1·57	5	0·56	3	0·13	2	1·17	6	0·44	5	0·56	4	0·01	1	0·02	1	6·01	37
Klipfontein..	3,104	29 12	17 43	0·26	2	0·20	1	0·14	1	1·11	3	2·44	5	0·71	4	0·31	2	2·63	6	0·42	3	0·77	2	0·06	1	0·01	1	9·06	31
Port Nolloth	40	29 14	16 51	0·10	1	0·00	0	0·00	0	0·56	2	0·82	1	0·34	2	0·03	1	0·50	1	0·02	1	0·13	2	0·00	0	0·00	0	2·50	11
Lion River, Kanas, Great Namaqualand ..		27 0	18 20	0·52	1	1·76	4	0·50	1	1·32	1	0·00	0	0·00	0	0·00	0	0·00	0	0·00	0	0·00	0	0·00	0	0·00	0	4·10	7
IV. South Coast.																													
Bredasdorp..	250	34 33	20 2	1·09	11	2·05	7	1·38	8	1·49	9	1·78	9	1·39	7	2·15	10	2·54	13	1·57	7	3·74	8	1·06	6	1·14	4	21·38	99
Cape L'Agulhas	55	34 50	20 0	0·00	0	0·10	1	1·45	6	0·35	4	1·14	4	0·77	5	0·59	4	1·64	4	0·65	3	0·90	2	0·30	2	0·15	1	8·04	36
Swellendam	500	34 4	20 27	3·98	9	2·93	5	3·07	5	2·61	9	2·57	7	1·05	5	1·83	5	2·43	8	3·68	8	4·97	8	1·70	6	3·58	8	34·40	83
Heidelberg..	100	34 5	20 57	0·71	3	0·87	3	1·16	8	1·51	8	0·70	5	0·61	4	1·73	7	1·39	9	1·67	6	1·13	4	0·87	5	1·93	7	14·28	69
Riversdale	100	34 8	21 22	2·19	4	1·43	3	1·19	3	1·76	4	1·21	4	0·21	2	2·77	4	1·76	5	1·51	5	3·03	3	0·92	2	1·71	3	19·69	42
Mossel Bay	105	34 11	22 9	1·03	8	1·53	4	0·55	4	1·99	11	0·68	5	0·63	3	2·22	9	1·02	6	1·51	6	1·65	9	1·62	8	1·87	9	16·30	82
Herbert's Dale				..	..	..	..	..	..	..	..	0·72	6	0·40	2	2·61	9	1·36	7	1·53	4	2·14	4	1·14	7	1·96	7	..	..
Dumbiedykes		34 5	22 5	0·81	5	1·99	3	0·84	4	1·66	6	0·32	5	0·48	1	1·74	4	0·95	6	1·36	3	1·47	4	1·14	5	1·68	6	14·44	52
George	800	33 57	22 28	2·24	13	3·61	8	3·40	10	2·69	12	1·13	7	0·87	6	4·74	9	1·83	10	3·25	11	2·65	7	3·58	11	4·24	13	34·23	117
Ezeljagt, Long Kloof ..	1,900			1·50	5	0·57	2	1·00	3	3·19	5	0·54	3	0·20	1	0·07	1	1·31	3	1·20	3	2·50	3	3·50	2	1·70	3	17·28	34
Knysna	30	34 6	23 7	1·82	10	1·67	5	3·02	9	1·27	6	0·90	5	0·53	2	5·16	9	1·39	8	2·25	8	3·24	8	4·13	11	2·81	8	28·19	89
Blaauwkrantz, T'Zitzikama	842			3·01	13	4·18	7	4·18	14	3·22	11	1·20	5	0·47	4	7·28	11	1·45	9	3·25	7	7·39	9	6·39	13	5·69	12	47·71	115
Storms River, T'Zitzikama		34 0	23 53	3·96	12	2·60	8	4·37	11	4·34	12	1·59	7	0·70	3	9·38	12	2·15	11	3·29	9	5·75	8	5·57	11	5·76	12	49·46	116
Humansdorp	360	34 2	24 47	1·29	6	2·62	7	2·31	9	3·15	12	0·96	3	0·00	0	4·85	10	1·22	10	1·31	6	1·83	5	2·08	11	2·93	7	24·55	86
Cape St. Francis	20	34 10	24 50	1·04	5	1·20	5	2·91	8	2·21	11	1·32	5	0·68	5	4·25	10	3·18	10	1·04	3	2·18	8	1·78	6	2·32	6	24·11	82
Van Staaden's, Witteklip..	680	33 55	25 12	1·86	4	2·65	5	2·23	6	4·26	7	0·65	1	0·32	4	6·44	8	0·74	4	1·95	4	1·58	3	3·62	5	4·10	5	30·40	56
Van Staaden's, nr. intake of Pt. Elizabeth Waterworks	988	33 53	25 12	2·60	..	2·55	..	2·35	..	6·20	..	0·19	..	0·11	..	10·05	..	0·89	..	2·10	..	2·65	..	3·68	..	3·37	..	36·74	..

RAINFALL RETURN—1886.

STATION.	Approximate Height above sea.	South Latitude.	East Longitude.	JANUARY.	Number of days on which rain fell.	FEBRUARY.	Number of days on which rain fell.	MARCH.	Number of days on which rain fell.	APRIL.	Number of days on which rain fell.	MAY.	Number of days on which rain fell.	JUNE.	Number of days on which rain fell.	JULY.	Number of days on which rain fell.	AUGUST.	Number of days on which rain fell.	SEPTEMBER.	Number of days on which rain fell.	OCTOBER.	Number of days on which rain fell.	NOVEMBER.	Number of days on which rain fell.	DECEMBER.	Number of days on which rain fell.	Total.	Total number of days.
IV. South Coast—*continued.*	feet.	° ′	° ′	in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.	
Van Staaden's, on the hills	1,522	33 52	25 12	2·50	..	2·40	..	2·36	..	5·80	..	0·25	..	0·10	..	10·28	..	0·65	..	2·28	..	2·70	..	4·05	..	3·55	..	36·92	..
Uitenhage	200	33 47	25 24	1·15	4	1·45	4	0·42	3	2·86	13	0·12	1	0·00	0	3·29	8	0·17	3	0·92	6	2·22	7	1·32	6	2·33	7	16·25	62
Do. De Hoek ..		33 35	24 25	2·01	7	1·92	6	1·84	7	3·07	9	0·75	3	0·02	1	10·49	6	0·44	4	0·95	6	2·07	6	2·91	8	4·67	13	31·14	76
Drift Sands, Port Elizabeth				1·40	7	1·85	5	2·70	10	4·01	11	0·31	3	1·04	..	5·50	..	1·26	..	1·00	..	2·90	..	2·03	..	3·55	..	27·55	..
Port Elizabeth	181	33 57	25 37	1·49	5	0·72	6	1·25	8	3·56	12	0·44	5	0·18	2	5·81	10	1·05	3	0·50	4	3·58	7	1·47	9	2·51	5	22·56	76
Do. St. George's Park	240	33 57	25 35	1·49	..	1·08	..	1·69	..	4·33	..	0·38	..	0·28	..	6·75	..	1·13	..	1·56	..	3·30	..	1·60	..	2·49	..	26·08	..
Do. Walmer.. ..	400	33 58	25 30	2·08	..	1·73	..	2·16	..	1·22	..	0·43	..	0·86	..	6·89	..	1·44	..	0·94	..	3·71	..	2·18	..	3·71	..	30·35	..
Taukatara, Sunday's River	100	33 41	25 46	1·14	4	1·34	5	1·15	6	3·40	9	0·12	1	0·00	0	4·54	6	0·00	0	1·87	4	2·00	3	0·83	3	2·90	4	19·29	45
Tregaron, do. ..				1·74	6	1·24	6	1·60	8	2·67	10	0·47	3	0·00	0	4·74	7	0·10	1	0·94	4	1·93	5	0·91	4	3·74	9	20·08	63
Dunbrody, do. ..		33 30	25 30	1·60	5	1·20	5	2·01	6	2·99	14	0·16	2	0·02	1	5·15	6	0·14	1	1·16	5	1·61	4	1·25	7	3·65	9	20·94	65
V. Southern Karroo.																													
Touws River	2,520	33 20	20 3	0·55	3	0·40	1	0·30	1	0·19	2	2·26	7	1·29	6	0·36	5	0·73	10	1·62	6	0·70	3	0·00	0	0·01	..	8·41	44
Ladismith	1,860	33 28	21 15	1·58	3	1·96	4	0·64	4	1·61	6	1·22	4	0·37	4	3·33	6	0·93	5	0·96	3	1·82	6	0·87	5	1·80	5	17·09	55
Amalienstein	1,570	33 27	21 24	1·39	5	1·38	5	0·14	2	1·18	7	0·60	6	0·23	4	2·54	5	0·92	7	1·13	4	1·17	3	0·55	4	1·16	3	12·39	55
Calitzdorp	750	33 32	21 42	0·56	4	1·28	3	0·00	0	0·48	4	0·05	1	0·00	0	..	..	gauge	worn	out	..	..	..	..	..	..	..	..	
Calitzdorp Gaol	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1·61	5	0·49	4	0·80	4	0·84	3	0·48	5	1·24	4	..	..
Oudtshoorn Gaol	1,090	33 36	22 13	1·25	6	1·36	2	0·75	2	1·43	6	0·67	4	0·27	1	2·25	3	0·45	4	0·98	4	1·33	3	0·86	4	1·39	5	12·99	44
Oudtshoorn	..	..	..	1·32	6	1·25	2	0·72	3	1·73	7	0·57	3	0·27	2	..	..	0·50	4	0·97	5	1·53	3	1·14	9	1·39	5	..	..
Tooverwaters Poort ..	2,300	33 24	23 10	3·43	7	0·42	1	1·15	5	0·81	6	0·28	2	0·04	1	0·68	4	0·78	3	1·43	3	0·35	1	0·50	2	1·33	3	11·20	38
Uniondale	2,200	33 40	23 11	1·59	5	2·16	3	2·28	7	1·64	7	0·95	5	0·63	3	4·76	6	1·44	7	1·84	4	2·08	7	1·52	5	1·60	7	22·49	66
Kleinpoort	1,900	33 20	24 48	2·06	5	0·74	4	1·49	4	2·00	6	0·20	1	0·00	0	2·95	5	0·23	1	0·87	3	0·95	3	0·43	3	2·87	4	14·79	39
Glenconnor	730	32 25	25 5	4·27	4	1·38	5	1·63	3	2·05	11	0·26	3	0·00	0	3·11	5	0·21	3	1·11	3	0·69	3	0·44	3	2·74	6	17·89	49
VI. West Central Karroo.																													
Matjesfontein	2,600	33 14	20 40	1·25	4	1·20	1	0·03	1	0·17	3	0·65	3	1·05	3	0·40	2	0·40	3	0·90	4	0·40	1	0·00	0	0·10	1	6·55	26
Prince Albert Road ..	2,020	32 28	21 43	1·34	3	0·20	1	0·00	0	0·26	4	0·13	1	0·17	2	0·16	2	0·15	1	0·63	3	0·26	1	0·00	0	0·06	1	3·36	19
Zwartberg	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0·5·48	8	..	..

RAINFALL RETURN—1886.

STATION.	Approximate Height above sea.	South Latitude.	East Longitude.	JANUARY.	Number of days on which rain fell.	FEBRUARY.	Number of days on which rain fell.	MARCH.	Number of days on which rain fell.	APRIL.	Number of days on which rain fell.	MAY.	Number of days on which rain fell.	JUNE.	Number of days on which rain fell.	JULY.	Number of days on which rain fell.	AUGUST.	Number of days on which rain fell.	SEPTEMBER.	Number of days on which rain fell.	OCTOBER.	Number of days on which rain fell.	NOVEMBER.	Number of days on which rain fell.	DECEMBER.	Number of days on which rain fell.	Total.	Total number of days.
VI. West Central Karroo.—*continued.*	feet.	o /	o	in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.	
Prince Albert	2,120	33 14	22 0	1·50	7	2·19	2	0·28	2	1·67	5	0·00	0	0·06	2	1·34	4	1·33	4	1·62	3	0·47	1	0·26	3	1·90	3	12·62	36
Fraserburg Road	1,820	32 40	22 0	1·19	4	1·19	2	0·00	0	0·48	3	0·06	1	0·09	1	0·00	0	0·05	1	0·45	2	0·00	0	0·00	0	0·30	1	3·81	15
Zeekoe Gat	3,290	33 0	23 3	..	..	..	..	0·27	1	0·63	8	0·23	5	0·31	3	0·13	1	0·82	3	0 53	4	0·41	2	0·25	2	0·88	3	..	..
Hopewell		32 21	23 11	1·21	6	0·24	2	0·26	1	0·86	5	0·11	1	0·00	0	0·26	2	0·00	0	0·58	1	0·30	1	0·06	1	1·51	8	5·39	28
Beaufort West	2,850	32 21	23 37	1·38	4	1·23	3	0·48	2	1·09	5	0·05	1	0·04	1	0·71	3	0·07	1	0·30	2	0·56	2	0·00	0	2·02	3	7·93	27
Camfers Kraal	3,000	32 17	23 3	1·35	..	0·55	..	0·53	..	1·49	..	0·00	..	0·00	..	0·34	..	0·00	..	0·51	..	0·63	..	0·08	..	1·94	..	7·42	..
Lower Nel's Poort ..	3,100	32 14	23 4	1·00	6	1·06	1	0·38	2	2·17	8	0·00	0	0·00	0	0·91	4	0·00	0	0·47	1	0·81	3	0·21	2	1·85	6	8·86	33
Lewisville, Nel's Poort ..				..	..	..	..	0·38	2	1·59	7	0·13	2	0·01	0	1·41	4	0·00	0	0·86	1	0·61	3	0·06	1	1·55	4	..	..
Willowmore	2,760	33 13	23 30	2·52	6	0·17	2	0·88	2	0·87	5	0·29	3	0·36	2	0·54	4	0·73	3	0·23	1	0·93	2	0·39	2	1·36	3	9·27	35
VII. East Central Karroo.																													
Aberbeen Gaol	2,400	32 28	24 5	1·07	6	1·44	5	1·57	4	1·59	7	0·00	0	0·00	0	2·77	4	0·36	2	0·30	1	0·82	3	0·07	1	4·19	8	17·18	41
Aberdeen	..	..	..	4·67	4	1·48	6	1·64	5	1·83	6	0·03	1	0·00	0	2·80	4	0·32	1	0·30	1	0·82	3	0·00	0	4·27	7	18·16	38
Aberdeen Road	2,480	32 46	24 20	2·65	8	0·78	3	1·54	4	1·25	8	0·06	1	0·00	0	2·89	5	0·12	2	0·37	1	0·68	2	0·33	0	1·96	5	12·63	39
Roodeberg		32 31	24 20	2·70	5	1·38	6	2·20	5	3·22	9	0·00	0	0·00	0	1·64	3	0·25	1	0·00	0	1·19	2	0·18	1	2·64	5	18·40	37
Graaff-Reinet Gaol ..	2,500	32 16	24 34	3·10	7	2·19	4	2·11	4	2·60	8	0·02	1	0·03	1	*		0·02	1	0·29	2	1·85	3	0·23	2	4·34	8		
Graaff-Reinet Hospital ..	..	..	..	3·19	10	2·27	5	2·66	5	2·83	11	0·08	1	0·08	1	5·01	5	0·14	2	0·30	2	2·22	4	0·35	4	5·17	9	24·30	59
The Glen, Naudesberg ..		32 3	24 48	1·80	..	2·37	..	2·03	..	2·30	.	0·30	..	0·10	..	3·56	..	0·55	..	0·23	..	2·45	..	0·43	..	2·19	..	18·31	..
Goliads Kraal	3,500	32 8	24 42	3·79	..	1·69	..	2·56	..	3·29	..	0·20	..	0·00	0	2·20	..	0·10	..	0·10	..	2·20	..	0·27	..	2·43	..	18·83	..
Wellwood	4,000	32 5	24 48	3·79	7	1·40	7	1·95	7	3·03	11	0·22	1	0·11	1	3·22	4	0·49	3	0·16	1	2·04	3	0·24	2	2·72	7	19·37	54
Do. Mountain Gauge	4,900	32 5	24 45	3·82	..	1·83	..	2·26	..	2·64	..	0·01	..	0·10	..	3·15	..	0·00	..	0·07	..	1·62	..	0·17	..	3·05	..	18·72	..
Roode Bloem	2,500	32 12	24 40	3·45	7	1·15	5	3·19	4	1·41	3	0·00	0	0·00	0	5·02	2	0·00	0	0·20	1	1·36	2	0·20	1	2·21	6	18·19	31
Winterhoek	2.800	32 12	24 28	2·81	8	2·80	4	3·34	5	3·26	8	0·00	0	0·00	0	4·35	4	0·00	0	0·40	1	1·96	5	0·34	1	6·00	12	25·26	48
Jansenville		32 56	24 41	2·64	8	1·05	3	0·75	2	2·27	6	0·14	2	0·12	1	1·91	4	0·23	2	0·56	3	0·66	3	0·10	1	3·49	7	13·92	42
Kendrew				2·18	7	0·74	6	1·34	5	2·99	11	0·05	1	0·03	1	3·75	7	0·15	2	0·30	1	1·17	4	0·08	2	3·39	8	16·17	55
Watervlei, Camdeboo ..				3·09	7	0·85	2	0·98	4	2·14	7	0·00	0	0·00	0	3·33	3	0·00	0	0·53	2	1·55	3	0·00	0	3·95	7	16·42	35
Patrysfont., Voorsneeuwberg				3·88	6	2·26	9	1·87	7	3·13	11	0·07	1	0·11	1	3·09	3	0·14	3	0·20	1	2·29	3	0·28	1	3·04	10	20·36	56
Somerset East, Gill College	2,400	32 44	25 35	4·08	11	1·01	8	2·12	10	6·33	12	0·61	1	0·16	2	5·38	9	0·65	4	1·40	9	5·18	6	1·94	6	6·78	11	38·64	89

* Heavy fall of snow but amount not measured.

RAINFALL RETURN—1886.

STATION.	Approximate Height above sea.	South Latitude.	East Longitude.	JANUARY.	Number of days on which rain fell.	FEBRUARY.	Number of days on which rain fell.	MARCH.	Number of days on which rain fell.	APRIL.	Number of days on which rain fell.	MAY.	Number of days on which rain fell.	JUNE.	Number of days on which rain fell.	JULY.	Number of days on which rain fell.	AUGUST.	Number of days on which rain fell.	SEPTEMBER.	Number of days on which rain fell.	OCTOBER.	Number of days on which rain fell.	NOVEMBER.	Number of days on which rain fell.	DECEMBER.	Number of days on which rain fell.	Total	Total number of days.
VII. East Central Karroo.—*continued.*	feet.	° ′	°	in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.	
Somerset East (Gaol) ..	2,400	32 44	25 35	1·15	12	3·87	8	2·25	11	6·07	13	0·64	3	0·28	1	5·16	9	0·74	5	1·21	7	5·22	8	2·03	10	6·84	13	38·46	100
Houdeconstant		31 57	24 12	2·85	6	1·85	6	1·90	4	2·75	7	0·20	1	0·00	0	2·35	3	0·90	1	0·60	2	1·60	3	0·72	3	3·68	7	19·40	43
Colonies Plaats				2·51	6	2·57	6	2·81	6	2·59	11	0·05	1	0·10	1	*1·12	6	0·25	2	0·16	2	1·98	3	0·20	2	2·79	11	17·16	57
Karree Hoek		32 27	25 5	3·31	6	1·81	7	1·23	6	3·82	10	0·18	2	0·37	2	*6·44	5	0·00	0	0·60	1	3·01	4	0·59	2	3·38	6	24·77	51
Fredenberg		32 30	25 8	3·17	6	1·10	4	1·65	5	1·06	9	0·10	2	0·20	2	5·74	6	0·13	1	0·35	1	3·58	6	0·47	2	3·33	7	23·88	51
Cranmere	2,570			3·05	7	1·93	6	0·80	4	3·73	10	0·15	2	0·23	1	4·79	6	0·13	1	0·39	1	2·26	5	0·56	2	2·29	9	20·31	54
Middleton	1,672	32 50	25 49	4·01	6	2·96	7	2·07	7	3·42	11	0·28	2	0·00	0	4·30	8	0·27	2	0·51	2	3·13	5	0·94	4	2·77	8	24·66	62
Bushberg	4,880	32 40	25 35	5·72	7	5·31	6	1·88	5	8·15	8	0·52	1	0·25	1	*7·54	6	1·01	2	1·73	4	4·66	5	1·74	4	5·65	5	44·17	54
Rietfontein	2,271	32 52	24 5	3·03	4	0·28	1	0·46	2	1·61	4	0·13	1	0·19	1	1·51	4	0·49	2	0·42	2	0·45	1	0·00	0	1·66	4	10·23	26
New Bethesda		31 50	24 35	3·58	6	2·02	7	1·56	7	2·74	8	0·40	4	0·11	1	2·33	3	0·21	2	0·33	1	2·46	4	0·48	3	3·27	10	19·49	56
Klip Drift	2,400	32 20	24 30	3·14	6	0·83	2	1·24	3	1·79	5	0·00	0	0·00	0	3·75	4	0·00	0	0·40	2	1·43	4	0·00	0	4·41	6	16·99	32
Schietfontein		32 46	24 19	1·90	7	0·85	5	1·23	3	1·16	8	0·14	1	0·07	1	2·73	1	0·05	1	0·45	1	0·65	4	0·20	3	2·26	6	11·69	44
VIII. Northern Karroo.																													
Calvinia	3,100	31 29	19 46	0·18	1	0·00	0	0·10	1	1·08	3	0·93	2	1·22	5	1·11	4	1·22	5	0·56	3	0·15	1	0·00	0	0·00	0	6·55	25
Middle Post		31 58	20 8	0·21	3	0·37	1	0·06	1	0·48	4	0·29	4	0·50	3	0·24	3	0·16	1	0·08	1	0·00	0	0·00	0	0·00	0	2·39	21
Sutherland..	4,776	32 25	20 10	..	..	..	..	..	..	..	..	0·91	4	1·41	3	0·62	3	0·84	5	1·32	6	0·18	2	0·00	0	0·13	2	..	..
Williston	3,460	31 20	20 50	0·15	1	0·18	1	0·00	0	0·64	2	0·00	0	0·12	1	0·00	0	0·12	2	0·11	1	0·55	1	0·12	1	0·18	2	2·17	12
Fraserburg Gaol	4,200	31 54	21 31	1·26	3	1·19	4	0·28	2	1·15	4	0·05	1	0·17	1	0·15	2	0·19	3	0·27	3	0·69	2	0·00	0	0·46	4	5·86	29
Fraserburg..	..	..	..	..	..	..	..	..	..	..	..	0·11	1	0·17	1	0·11	2	0·13	3	0·25	2	0·68	2	0·00	0	0·46	4	..	..
Brandwaght		32 10	20 40	0·00	0	1·01	1	0·00	0	0·75	1	0·35	1	0·52	1	0·49	1	0·60	1	0·88	4	0·00	0	0·00	0	0·00	0	4·60	10
Carnarvon	4,060	30 56	22 6	2·45	5	0·61	3	1·70	4	2·37	5	0·13	2	0·00	0	0·00	0	0·39	2	0·41	1	0·53	1	0·10	1	1·33	3	10·02	27
Beyersfontein	4,600	31 0	22 2	2·65	2	0·76	2	2·06	3	1·76	2	0·00	0	0·00	0	0·00	0	0·00	0	0·50	1	0·50	1	0·00	0	1·82	3	10·05	14
Victoria West	4,100	31 27	23 4	2·35	5	1·93	4	0·50	7	1·79	6	0·16	2	0·00	0	0·22	1	0·47	2	0·49	1	0·76	2	0·00	0	0·95	7	9·63	37
Brakfontein	3,947	31 52	23 0	1·25	5	1·93	5	0·80	4	1·67	7	0·08	1	0·00	0	0·83	2	0·06	1	0·45	1	0·88	3	0·05	1	1·12	6	9·12	36
Wagenaar's Kraal ..	4,500	31 50	22 40	2·03	4	1·14	4	0·64	7	1·27	7	0·04	1	0·01	0	0·59	3	0·11	2	0·62	2	0·38	2	0·18	1	0·93	7	7·94	40
Murraysburg	3,800	32 0	23 45	1·36	4	1·41	3	2·79	5	3·07	8	0·00	0	0·00	0	1·45	2	0·40	2	0·40	1	1·02	3	0·00	0	1·83	8	13·73	36

* A heavy fall of snow occurred in this District in July. It is feared that in many cases the amount of this fall is not measured.

RAINFALL RETURN—1886.

STATION.	Approximate Height above sea.	South Latitude.	East Longitude.	JANUARY.	Number of days on which rain fell.	FEBRUARY.	Number of days on which rain fell.	MARCH.	Number of days on which rain fell.	APRIL.	Number of days on which rain fell.	MAY.	Number of days on which rain fell.	JUNE.	Number of days on which rain fell.	JULY.	Number of days on which rain fell.	AUGUST.	Number of days on which rain fell.	SEPTEMBER.	Number of days on which rain fell.	OCTOBER.	Number of days on which rain fell.	NOVEMBER.	Number of days on which rain fell.	DECEMBER.	Number of days on which rain fell.	Total.	Total number of days.
VIII. NORTHERN KARROO.—*continued.*	feet.	° ′	°	in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.	
Richmond	4,700	31 25	23 54	3·20	6	2·13	5	1·80	5	2·72	6	0·60	2	0·00	0	0·24	2	0·75	2	0·30	1	1·43	2	0·00	0	1·91	5	15·08	36
Hanover	4,500	31 1	24 22	1·58	6	2·91	5	2·12	6	2·76	6	0·45	2	0·00	0	1·05	2	0·33	2	0·23	2	1·24	2	0·00	0	2·02	7	14·69	40
Philip's Town	4,500	30 25	24 23	2·91	6	1·00	3	2·39	5	2·26	4	0·00	0	0·00	0	0.00	0	0·50	1	0·00	0	1·10	1	0.00	0	4·05	4	14·22	24
Colesberg	4,400	30 43	25 5	2·60	9	1·09	7	1·85	10	2·35	7	0·25	3	0·03	1	0·31	2	0·68	2	0·17	1	1·59	3	0·00	0	3·08	11	14·00	56
Colesberg Bridge	3,600	30 30	25 13	2·21	8	1·17	7	2·89	10	2·04	4	0·00	0	0·04	1	0·48	2	0·50	1	0·17	1	1·08	3	0·00	0	3·05	8	13·63	45
Middelburg	4,000	31 33	24 58	1·69	5	4·13	6	3·03	7	2·41	7	0·32	2	0·04	1	2·68	2	0·28	2	0·25	3	1·88	3	0·00	0	3·06	8	19·77	46
Do. De Puts ..				1·94	6	2·42	4	2·78	8	2·55	8	2·69	2	0·00	0	0·00	0	0·00	0	0·34	2	1·21	2	0·00	0	1·97	5	15·90	37
Do. The Willows ..				..	..	..	..	..	..	..	..	0·32	2	0·00	0	0·35	2	0·42	2	0·34	1	1·70	3	0·17	2	3·49	10	..	..
Do. Tafelberg Hall	4,000	31 35	25 10	2·97	8	3·55	7	2·55	10	2·23	9	0·00	0	0·00	0	3·00	1	0·00	0	0·50	3	0·43	4	0·55	3	0·63	2	16·41	47
Steynsburg	5,000	32 21	25 49	2·89	9	2·56	6	3·27	9	2·62	5	0·00	0	0·00	0	1·60	2	0·11	1	0·09	1	1·86	3	0·00	0	2·02	5	17·02	41
Varsch Vley	5,400	31 40	25 48	1·58	5	4·00	4	2·18	7	1·52	5	0·18	1	0·24	1	0·50	2	0·30	1	0·22	1	2·37	3	0·19	2	1·14	5	15·42	37
Cradock Gaol	2,856	32 11	25 38	3·24	9	2·45	5	1·73	4	2·21	11	0·00	0	0·03	1	1·44	4	0·41	2	0·00	0	2·02	2	1·01	4	1·09	4	15·63	46
Cradock	..	..	..	2·57	8	2·96	5	2·56	6	2·18	11	0·05	1	0·03	1	2·26	5	0·55	4	0·07	1	2·07	4	0·91	5	1·34	8	17·55	59
Tarkastadt	4,300	32 0	26 15	3·09	7	2·76	7	3·66	11	2·83	10	0·37	4	0·06	1	2·89	5	0·55	4	0·05	1	3·73	5	0·38	3	1·35	7	21·72	65
Stonehills				3·04	8	3·00	8	1·97	6	2·10	12	0·57	3	0·22	2	2·88	6	0·55	3	0·06	1	2·24	6	0·59	5	2·37	9	19·59	69
Naauwpoort	4,884	31 15	25 10	1·76	6	3·55	7	1·74	5	1·87	6	0·30	1	0·00	0	0·85	2	0·67	1	0·15	1	0·85	1	0·14	2	0·75	9	12·63	41
Witmoss	2,396	32 30	25 45	2·90	7	3·53	6	2·11	7	5·42	11	0·18	1	0·00	0	3·98	7	0·52	2	0·64	3	2·68	5	0·86	2	3·20	6	26·02	57
IX. NORTHERN BORDER.																													
Pella	1,800	29 4	19 12	0·30	1	0·00	0	0·30	1	0·00	0	0·00	0	0·00	0	0·00	0	0·42	2	0·00	0	0·00	0	0·00	0	0·00	0	1·02	4
Kenhardt	2,700	29 37	21 10	0·37	1	0·00	0	1·75	3	0·00	0	0·00	0	0·00	0	0·00	0	0·75	2	0·00	0	0·10	1	0·40	2	2·50	4	5·87	13
Upington	2,800	28 38	21 20	0·19	3	0·22	2	1·21	4	0·10	1	0·00	0	0·00	0	0·15	1	0·31	2	0·00	0	0·12	1	0·00	0	0·61	2	2·91	16
Prieska	3,300	29 40	22 40	0·20	2	1·39	4	2·21	4	0·37	3	0·00	0	0·00	0	0·18	1	0·62	3	0·00	0	0·45	2	0·00	0	0·97	6	6·39	25
Hope Town	3,600	29 40	24 10	1·65	8	0·52	4	1·84	5	1·09	4	0·08	1	0·00	0	0·17	1	0·44	2	0·00	0	0·46	3	0·23	2	1·26	8	7·74	38
Do. Railway Bridge	3,520	29 42	24 20	..	..	0·58	3	2·79	3	..	..	0·00	0	0·00	0	0·00	0	0·43	2	0·02	1	0·00	0	0·00	0	1·45	1	..	..
Do. Bridge	3,400	29 42	24 15	2·71	9	0·47	6	1·84	9	1·69	8	0·08	1	0·00	0	0·06	1	0·52	2	0·00	0	0·35	3	0·22	2	1·08	7	9·02	48
Griqua Town	4,130	28 48	23 8	2·10	11	1·21	2	2·86	7	0·65	5	0·10	1	0·00	0	0·32	1	0·52	2	0·00	0	0·10	2	0·17	2	4·27	8	12·30	41

RAINFALL RETURN—1886.

STATION.	Approximate Height above sea.	South Latitude.	East Longitude.	JANUARY.	Number of days on which rain fell.	FEBRUARY.	Number of days on which rain fell.	MARCH.	Number of days on which rain fell.	APRIL.	Number of days on which rain fell.	MAY.	Number of days on which rain fell.	JUNE.	Number of days on which rain fell.	JULY.	Number of days on which rain fell.	AUGUST.	Number of days on which rain fell.	SEPTEMBER.	Number of days on which rain fell.	OCTOBER.	Number of days on which rain fell.	NOVEMBER.	Number of days on which rain fell.	DECEMBER.	Number of days on which rain fell.	Total.	Total number of days.
IX. NORTHERN BORDER.—*continued.*	feet.	° ′	° ′	in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.	
Avoca, Herbert		28 58	23 47	1·94	5	0·57	5	1·64	5	1·73	7	0·07	1	0·00	0	0·31	2	0·40	2	0·00	0	0·40	2	0·42	2	3·71	7	11·19	38
Douglas	3,500	29 1	23 44	1·93	7	0·35	4	1·90	6	1·36	9	0·05	1	0·00	0	0·09	1	0·36	2	0·00	0	0·26	3	0·55	3	2·47	8	9·32	44
Kimberley Gaol	4,050	28 43	24 46	1·24	6	1·04	3	3·52	7	0·94	8	0·00	0	0·00	0	0·28	1	0·19	2	0·09	2	0·42	2	0·41	2	4·94	15	13·07	48
Kimberley (Lee)				1·46	9	1·54	5	3·92	7	0·96	8	0·02	0	0·08	1	0·30	2	0·19	2	0·08	2	0·57	2	0·10	2	6·02	16	15·24	56
Kimberley, L. & S. A. Co.	4,042			1·62	8	1·64	6	4·22	9	0·96	8	0·02	0	0·10	1	0·37	2	0·21	2	0·09	2	0·70	3	0·12	2	6·60	16	16·65	59
Barkly West	3,700	28 30	24 34	1·74	7	0·60	5	4·21	8	1·15	7	0·02	0	0·05	1	0·11	2	0·25	2	0·10	2	0·48	4	0·62	2	6·57	16	15·90	56
Newlands, Barkly West		28 20	24 10	1·47	9	3·01	5	4·79	7	2·31	6	0·00	0	0·02	0	0·03	1	0·07	1	0·03	1	0·64	4	0·24	2	5·49	14	18·10	50
Groot Boetsap																						0·15	1	0·61	3	4·89	16		
Campbell	4,100	28 50	23 40	2·92	9	1·40	5	4·79	9	1·30	6	0·06	1	0·00	0	0·19	1	0·28	1	0·01	0	0·41	4	0·03	1	3·74	9	15·13	46
Van Wyk's Vley	3,300	30 24	21 49	1·19		0·09		1·68		1·28		0·07		0·00		0·06		0·38		0·03		0·35		0·02		1·62		6·77	
Vryburg, B. Bechuanaland								2·42	7	0·93	5	0·00	0	0·00	0	0·09	2	0·00	0	0·00	0	0·66	3	0·92	4	3·56	11		
X. SOUTH EAST.																													
Alicedale	910	33 20	26 4	2·18	6	2·73	6	1·67	9	4·33	11	0·75	4	0·07	1	6·93	6	0·36	4	1·07	6	3·44	7	1·30	6	3·69	8	28·52	74
Atherstone	2,250	33 20	26 25	3·37	8	3·68	8	4·01	15	6·79	16	0·80	4	0·14	2	7·67	11	0·30	5	1·03	6	4·27	7	1·52	10	5·20	9	38·78	101
Graham's Town (Gaol)	1,800	32 20	26 33	3·65	11	4·25	10	4·03	14	6·33	17	1·41	4	0·01	0	9·13	10	0·41	6	0·76	6	5·09	6	1·93	8	5·52	12	42·52	104
Graham's Town (Hospital)	1,851			3·62	9	4·09	9	3·42	8	5·98	14	1·11	4	0·00	0	8·30	9	0·46	3	0·96	6	4·72	5	1·86	6	5·35	7	39·87	80
Port Alfred	34	33 34	26 54	2·50	7	2·44	6	2·03	12	8·12	14	0·27	3	0·08	2	6·89	11	0·54	6	2·35	7	2·83	5	3·16	8	4·76	7	35·97	88
Salem	500	33 30	26 33	2·73	6	3·40	10	1·10	5	6·98	12	0·52	3	0·14	1	7·69	10	0·39	3	1·23	5	3·19	4	1·92	6	4·85	8	34·14	73
Alexandria		33 40	26 25	2·53	8	1·66	5	3·02	8	5·34	11	0·52	3	0·39	1	8·73	12	1·03	4	1·53	4	3·27	7	3·85	11	4·36	7	36·23	81
Peddie	500	33 13	27 7	4·32	10	3·72	10	3·74	7	5·17	13	0·38	2	0·00	0	7·27	9	0·22	2	0·70	6	5·26	5	1·77	8	4·44	6	36·99	78
Cullendale		32 43	26 20	4·17	8	3·74	7	1·94	6	4·73	10	1·01	3	0·00	0	5·30	9	0·10	1	0·86	5	4·31	7	1·46	6	6·81	10	34·43	72
Fair Holt, Glen Lynden																								1·04	2	3·86	8		
Bedford	2,450	32 44	26 7	3·57	8	5·32	9	1·77	8	5·95	12	0·61	2	0·00	0	6·27	8	0·68	3	1·31	6	4·07	5	1·69	9	7·01	12	38·25	82
Fort Beaufort (Gaol)	1,500	32 46	26 37	4·55	9	4·18	10	1·27	9	3·53	12	0·19	2	0·00	0	5·44	5	0·07	1	0·56	5	4·26	5	0·68	5	5·11	10	29·84	73
Fort Beaufort	1,700			4·31	9	4·38	10	1·49	8	4·09	12	0·37	3	0·02	0	5·24	8	0·07	1	1·89	5	3·05	4	0·69	7	5·24	12	30·84	79
Seymour	2,600	32 34	26 46	4·85	10	4·62	7	0·89	5	3·52	8	0·82	2	0·25	1	6·35	8	0·10	2	0·25	2	3·21	3	1·01	6	5·48	10	31·35	64

RAINFALL RETURN—1886.

STATION.	Approximate Height above sea.	South Latitude.	East Longitude.	JANUARY.	Number of days on which rain fell.	FEBRUARY.	Number of days on which rain fell.	MARCH.	Number of days on which rain fell.	APRIL.	Number of days on which rain fell.	MAY.	Number of days on which rain fell.	JUNE.	Number of days on which rain fell.	JULY.	Number of days on which rain fell.	AUGUST.	Number of days on which rain fell.	SEPTEMBER.	Number of days on which rain fell.	OCTOBER.	Number of days on which rain fell.	NOVEMBER.	Number of days on which rain fell.	DECEMBER.	Number of days on which rain fell.	Total.	Total number of days.
X. South East.—*continued.*	feet.	° ′	° ′	in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.	
Katberg, Lower				6·30	14	8·64	9	4·60	15	4·17	12	1·68	4	0·21	1	7·95	9	0·43	3	1·90	6	4·29	8	3·43	11	9·77	10	53·37	102
Katberg, Upper	5,040	32 30	26 40	8·75	..	12·25	..	9·50	..	9·75	..	0·00	..	0·25	..	10·90	..	0·30	..	5·55	..	6·30	..	5·84	..	13·76	..	83·15	..
Balfour	2,103			..	..	..	..	..	..	..	..	0·06	1	0·30	1	5·06	8	0·17	2	1·11	6	3·40	6	1·31	11	5·04	12	..	..
Hog's Back..	3,000	32 35	27 0	10·36	15	7·90	..	..	..	5·38	13	0·32	2	0·33	1	9·06	8	0·82	5	2·15	6	6·62	10	5·52	11	13·94	12	..	..
Do. Bailey's Beacon																										4·65	..	..	..
Victoria East	1,700	32 47	26 51	5·03	7	4·58	6	1·81	7	2·93	8	0·48	2	0·00	0	7·07	8	0·11	1	0·83	5	3·69	6	1·95	7	5·28	12	33·76	69
Lovedale	1,720	32 46	26 51	4·63	10	6·36	10	2·08	11	3·02	11	0·60	4	0·08	1	7·06	8	0·26	5	0·93	6	4·76	6	1·95	8	6·33	12	38·06	92
Perie Forest (Haynes) ..		32 44	27 16	4·73	11	4·23	14	2·66	15	6·01	9	0·32	3	0·26	2	4·38	8	1·31	3	2·73	5	3·88	7	2·86	10	6·18	9	39·55	96
Perie, Forest Department..				6·47	12	5·51	11	2·99	10	4·69	10	0·80	1	0·16	1	4·36	8	0·70	5	2·77	4	4·51	8	2·25	11	6·24	8	41·45	89
Kologha, do. ..		32 31	27 21	6·85	13	7·75	14	2·81	12	5·39	7	0·02	0	0·07	1	3·84	6	0·86	4	1·29	4	4·44	11	1·74	10	4·76	14	39·82	96
Isidange, do. ..		32 45	27 13	5·84	11	5·73	13	2·81	14	4·95	12	0·10	1	0·20	1	5·56	10	1·16	5	2·12	8	4·07	11	2·58	10	5·54	11	40·66	107
King William's Town Gaol		32 51	27 22	3·26	8	4·18	8	1·72	5	2·20	5	0·32	1	0·12	1	4·65	9	0·34	3	0·85	1	3·74	3	1·02	5	5·84	10	28·24	59
Do. Hospital.. ..	1,314	..	..	2·57	8	4·13	10	1·90	9	2·85	14	0·41	2	0·16	1	4·74	9	0·35	4	1·15	4	4·76	4	1·26	6	5·74	11	30·02	82
Do. Botanic Gardens	1,200	..	..	2·97	..	3·99	..	1·81	..	2·68	..	0·44	..	0·14	..	5·20	..	0·35	..	1·01	..	3·45	..	1·07	..	6·25	..	29·36	..
Keiskama Hoek				..	..	4·26	9	2·47	10	2·42	10	0·79	2	0·23	2	6·15	10	0·41	3	0·59	7	3·75	8	1·74	10	5·86	10	..	..
East London East	104	33 2	27 55	4·14	10	4·53	10	1·58	12	3·93	13	0·18	3	0·05	1	6·00	12	2·37	5	2·51	4	3·03	7	2·94	7	4·74	10	36·00	94
East London West.. ..	20	33 2	27 56	2·85	11	2·52	12	1·45	14	2·51	13	0·12	3	0·03	1	5·98	12	0·92	4	0·78	3	2·89	8	2·33	6	4·27	10	26·65	97
Amalinda	520	32 58	27 51	3·16	9	4·09	10	2·58	15	3·84	11	0·35	3	0·05	1	5·49	9	1·34	4	0·80	2	3·32	4	1·53	3	5·17	6	31·72	77
Fort Jackson	1,109	32 56	27 42	2·80	8	3·83	7	1·38	8	4·18	9	0·15	1	0·00	0	5·15	5	0·52	4	1·05	2	3·46	4	0·97	2	5·49	7	28·98	57
Blaney	1,774	32 50	27 30	3·79	8	4·78	8	2·19	9	3·73	11	0·50	2	0·05	1	4·76	8	0·30	3	1·39	4	3·00	4	0·53	4	5·30	9	30·32	71
Kei Road	2,330	32 44	27 30	4·43	13	6·25	12	2·20	11	3·85	9	0·52	2	0·16	1	4·29	9	0·60	4	0·86	3	3·63	7	1·78	10	6·49	10	35·06	91
Komgha	2,060	32 35	27 52	4·01	9	6·15	12	1·65	15	3·15	9	0·33	2	0·10	1	4·33	7	0·85	5	1·33	3	2·83	6	1·21	8	4·70	11	30·64	88
Kabousie	2,400	32 35	27 25	4·98	5	3·69	6	1·05	3	3·12	4	0·00	0	0·00	0	3·48	4	0·53	1	0·18	2	3·87	3	0·97	1	3·38	5	25·25	34
Stutterheim	2,700	32 34	27 24	4·86	12	5·33	14	1·62	13	3·37	9	0·50	2	0·14	1	3·75	7	0·66	4	0·70	5	3·66	9	1·43	10	3·61	12	29·63	98
Do. Rev. Beste ..	..	..	..	4·86	14	5·33	14	1·62	17	3·64	10	0·55	3	0·15	1	3·28	5	0·60	2	0·89	4	3·28	5	1·33	8	3·25	11	28·78	94
Dohne Toll	3,040	32 30	27 25	3·56	3	3·61	4	0·25	2	3·37	2	0·00	0	0·00	0	4·26	3	0·73	2	1·74	2	3·60	4	1·38	7	4·51	7	27·01	36
Thomas River	3,565	32 25	27 10	4·34	8	3·30	9	0·97	9	2·19	8	0·23	2	0·11	1	3·04	5	0·19	3	0·12	1	2·63	5	0·88	6	2·43	9	20·43	66

RAINFALL RETURN—1886.

STATION.	Approximate Height above sea.	South Latitude.	East Longitude.	JANUARY.	Number of days on which rain fell.	FEBRUARY.	Number of days on which rain fell.	MARCH.	Number of days on which rain fell.	APRIL.	Number of days on which rain fell.	MAY.	Number of days on which rain fell.	JUNE.	Number of days on which rain fell.	JULY.	Number of days on which rain fell.	AUGUST.	Number of days on which rain fell.	SEPTEMBER.	Number of days on which rain fell.	OCTOBER.	Number of days on which rain fell.	NOVEMBER.	Number of days on which rain fell.	DECEMBER.	Number of days on which rain fell.	Total.	Total number of days.
X. South East.—*continued.*	feet.	° ′	° ′	in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.	
Cathcart	3,900	32 15	27 10	7·39	9	3·44	11	2·24	7	3·29	8	0·19	1	0·07	1	3·92	4	0·54	3	0·20	1	3·48	6	3·29	5	3·80	9	31·85	65
Glencairn				..	..	..	..	..	..	3·22	13	0·41	3	0·33	2	4·60	9	0·60	4	1·27	3	4·66	7	1·85	5	2·74	9	..	..
XI. North East.																													
Tylden	2,896	32 5	27 5	4·98	11	2·51	6	1·54	8	2·75	9	0·30	3	0·02	1	3·29	5	0·20	3	0·05	1	2·47	5	0·67	5	2·35	8	21·13	65
Queenstown Gaol	3,500	31 51	26 51	5·42	8	3·12	9	2·99	8	2·10	8	0·23	2	0·00	0	3·65	7	0·20	1	0·00	0	1·86	4	0·46	3	3·76	9	23·79	59
Queen's Town	..	..	..	5·86	9	3·01	12	2·71	9	2·10	9	0·39	3	0·03	1	3·57	8	0·28	4	0·22	4	2·46	6	0·44	4	*			
Thibet Park				3·65	8	2·78	8	4·83	7	1·89	9	0·49	2	0·08	1	2·64	5	0·22	8	0·22	2	3·55	5	0·13	2	1·16	8	21·64	64
Glen Gowan	3,850			gau	ge	tra	ns	ferr	ed	to		Rooi		Kra	al	in		Octo	ber			2·19	6	0·00	0	2·34	8	..	..
Carnarvon	5,000	31 36	26 44	3·62	8	4·14	8	2·02	7	2·37	6	0·22	1	0·00	0	3·01	3	0·24	2	0·16	2	2·65	5	0·06	1	2·45	9	20·94	52
Lady Frere		31 45	27 25	4·68	10	2·76	9	2·97	6	1·88	7	0·03	1	0·00	0	2·41	6	0·14	1	1·18	2	1·68	3	0·21	3	3·98	12	21·92	60
Sterkstroom	4,405	31 30	26 55	3·89	5	4·14	9	2·43	9	2·20	6	0·46	4	0·00	0	1·17	5	0·35	2	0·16	2	2·50	4	0·03	1	2·62	6	19·95	53
Ida Xalanga				..	..	..	..	..	..	..	..	0·08	1	0·05	1	3·29	5	0·41	2	0·00	0	2·39	8	0·15	2	3·78	12	..	..
Dordrecht	5,500	31 22	27 4	4·82	12	5·02	10	3·41	9	2·09	6	0·36	2	0·23	2	2·75	2	0·72	1	0·76	2	1·28	2						
Dordrecht Gaol	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2·29	9	..	..
Clifton				..	..	..	..	..	..	..	..	0·50	1	0·02	1	4·54	3	0·32	2	0·12	1	3·00	5	0·00	0	3·05	9	..	..
Buffelsfontein	6,000			4·18	9	3·29	8	2·02	7	2·25	7	0·40	3	0·05	1	2·37	5	0·00	0	0·20	1	2·04	5	0·08	1	2·83	10	19·71	57
Cyphergat	5,150	31 20	26 20	4·56	10	2·80	6	4·80	14	2·27	7	0·27	2	0·00	0	1·90	7	0·00	0	0·20	1	2·43	5	0·20	4	3·99	11	23·42	67
James Town	5,000	31 7	26 44	4·92	10	3·14	11	4·52	11	3·25	10	0·30	1	0·12	1	1·87	5	0·70	2	0·23	2	2·13	5	0·20	2	3·59	10	24·97	70
Barkly East	5,831	31 2	27 35	2·18	5	3·66	7	3·67	10	..	..	..	..	0·41	1	2·05	2	0·50	1	0·05	1	1·32	6	0·76	3	5·25	11	..	..
New England				3·88	7	3·88	8	2·06	5	3·15	4	0·65	1	0·08	1	1·54	4	0·30	1	0·05	1	1·50	5	0·70	2	6·69	12	24·48	51
Glassniven	6,300	30 10	27 50	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5·31	14	..	..
Burghersdorp	4,500	31 0	26 21	3·52	7	3·11	9	2·29	10	2·46	7	0·11	1	0·12	1	1·26	6	0·36	2	0·16	1	1·82	5	0·29	2	3·50	11	19·00	62
Herschel	5,110	30 36	27 7	3·58	9	4·68	8	2·84	2	4·35	7	0·00	0	0·20	1	1·89	5	0·64	1	0·00	0	0·94	5	0·21	2	4·75	12	24·08	52
Aliwal North Gaol ..	4,330	30 43	26 43	2·12	7	2·32	7	3·81	8	4·17	11	0·23	1	0·35	2	1·30	4	0·60	2	0·06	1	0·89	6	0·32	4	4·39	12	20·56	65
Aliwal North, Brown ..	4,337	..	..	2·30	7	2·03	8	3·79	10	4·06	11	0·22	1	0·35	2	1·17	5	0·57	2	0·08	1	0·91	6	0·33	3	4·06	13	19·87	69

* Not received.

RAINFALL RETURN—1886.

STATION.	Approximate Height above sea.	South Latitude.	East Longitude.	JANUARY.	Number of days on which rain fell.	FEBRUARY.	Number of days on which rain fell.	MARCH.	Number of days on which rain fell.	APRIL.	Number of days on which rain fell.	MAY.	Number of days on which rain fell.	JUNE.	Number of days on which rain fell.	JULY.	Number of days on which rain fell.	AUGUST.	Number of days on which rain fell.	SEPTEMBER.	Number of days on which rain fell.	OCTOBER.	Number of days on which rain fell.	NOVEMBER.	Number of days on which rain fell.	DECEMBER.	Number of days on which rain fell.	Total.	Total number of days.
XI. North East.—*continued.*	feet.	° ′	° ′	in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.	
Grass Ridge	4,320	30 41	26 40	1·49	5	2·09	7	2·74	9	2·75	7	0·11	1	0·21	1	1·06	4	0·45	2	0·06	1	0·63	4	0·14	2	4·20	11	15·93	54
Ellesmere	..	30 40	26 20	1·72	5	1·33	7	2·46	9	4·19	8	0 14	1	0·13	1	0·41	3	0·57	2	0·23	2	1·15	6	0·51	3	4·57	13	17·41	60
Venterstadt..	..	30 42	25 48	1·87	8	1·41	8	0·88	6	3·16	9	..	..	..	..	0·47	..	0·49	..	1·25	..	1·61	..	0·05	..	3·78	..	..	..
XII. Kaffraria.																													
Kokstadt	4,455	30 30	29 25	6·23	11	4·41	11	2·79	8	1·43	7	0·24	1	0·00	0	0·00	0	0·50	1	0·18	2	0·29	3	3·73	15	2·62	10	22·42	69
Umzimkulu	2,500	30 15	30 0	5·83	16	4·00	14	2·57	10	2·22	9	0·35	3	..	..	..	..	..	..	..	..	..	..	2·04	12	3·15	8	..	..
Umtata	2,400	31 45	29 0	3·34	5	3·68	4	1·31	3	2·82	6	0·23	1	0·09	1	4·50	5	0·18	1	1·04	1	1·39	3	0·68	3	3·87	10	23·15	43
Main Tsomo	3,000	31 47	28 4	..	..	..	..	2·79	10	1·37	7	0·00	0	0·11	1	5·06	7	0·27	3	1·12	2	1·45	3	1·41	5	5·57	12	..	..
XIII. Basutoland.																													
Maseru										3·48	8	0·00	0	0·20	1	0·79	3			0·72	1	1·11	9	1·74	10	5·49	12		
Mafeteng				..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5·77	12		
Thlotse Heights				..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3·00	8		
XIII. Orange Free State.																													
Bloemfontein	4,535	28 56	26 18	3·05	8	0·97	6	5·24	8	1·88	7	0·00	0	0·05	1	0·55	4	0·43	3	0·00	0	0·58	4	0·91	4	3·81	14	17·47	59
Kroonstadt	4,500	27 29	27 64	6·26	9	3·46	11	6·10	5	2·88	7	0·00	0	0·00	0	0·38	3	0·11	1	0·32	1	2·55	6	4·52	5	3·36	13	29·94	61
Boshof	4,100	28 32	25 21																										
Ladybrand	5,000	29 15	27 47																										
Hoopstadt	..	..	..			2·16	6	3·40	7	0·87	6	0·00	0	0·00	0	0·04	1	0·00	0	0·00	0	0·32	2	2·51	5	4·14	10	..	..
Philippolis	4,700	30 12	25 16	3·95	9	0·54	3	4·36	8	2·19	5	0·11	1	0·06	1	0·10	1	0·43	2	0·43	2	1·10	3	1·01	5	3·67	8	17·95	48
Winburg		28 35	27 10																										
Smithfield	4,400	30 10	26 30																										
Harrismith ..	5,200	28 20	25 51																										
Jacobsdal		29 8	25 55	0·28	2	2·20	3	4·16	11	1·04	4					0·27	1	0·24	1	0·05	1	0·53	3	0·10	2	4·63	10		
Bethulie		30 30	25 55	..	..	..	..	..	..	..	..	..	..	..	..	0·31	2	0·60	2	0·12	1	1·16	2			6·20	8		

Lithographed from original exhibited by Mr Gamble at the Indian & Colonial Exhibition.

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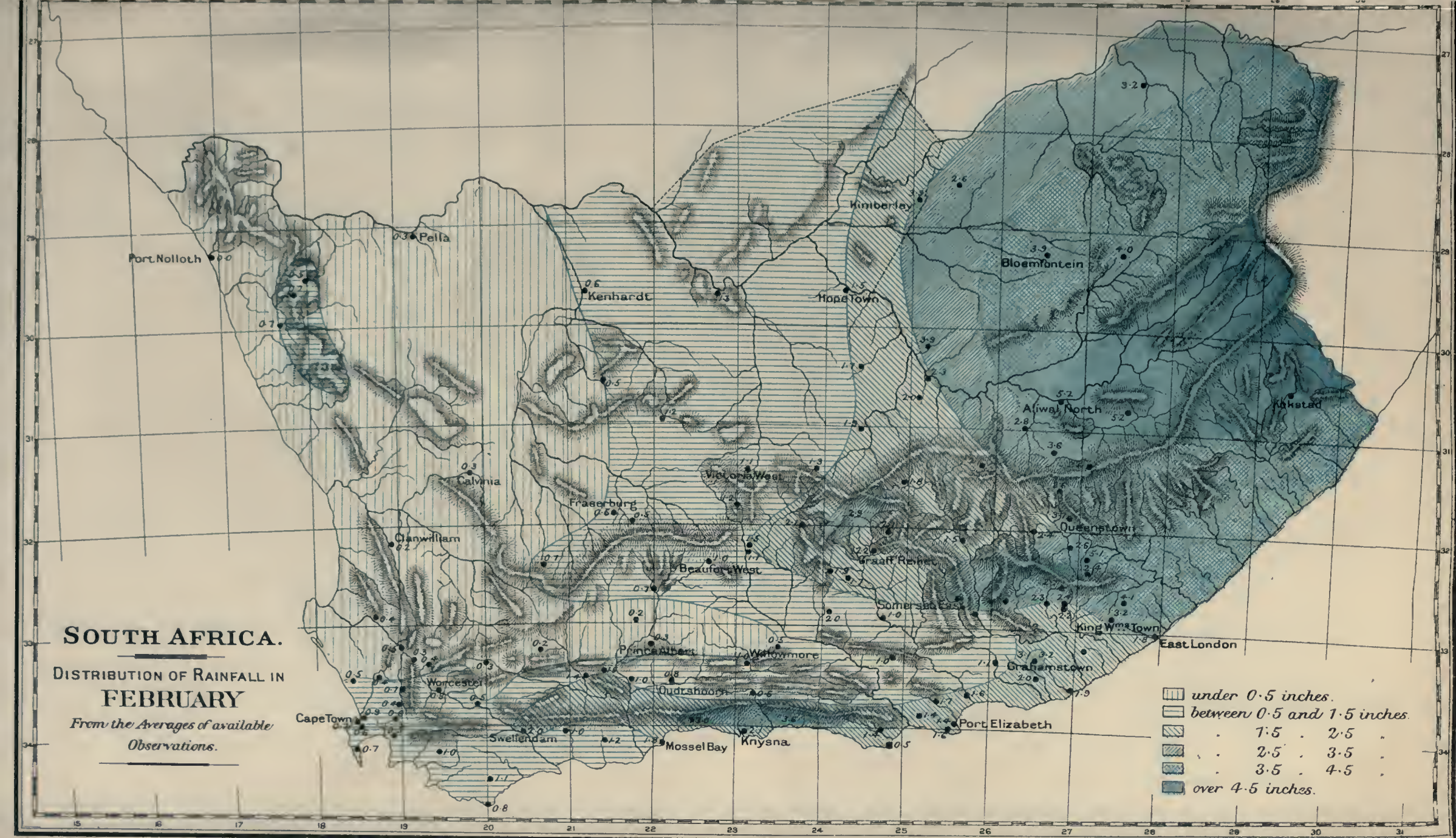

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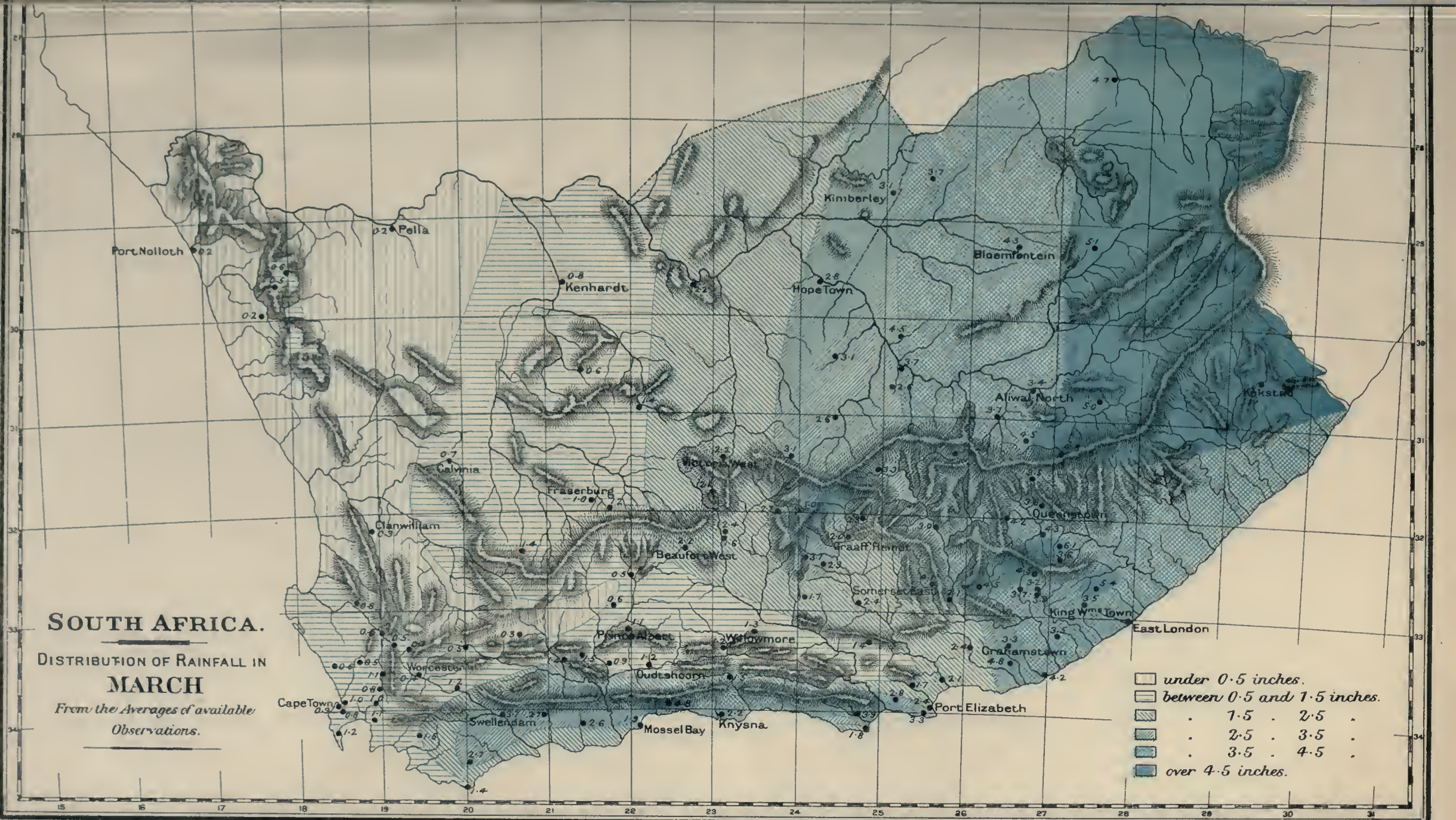

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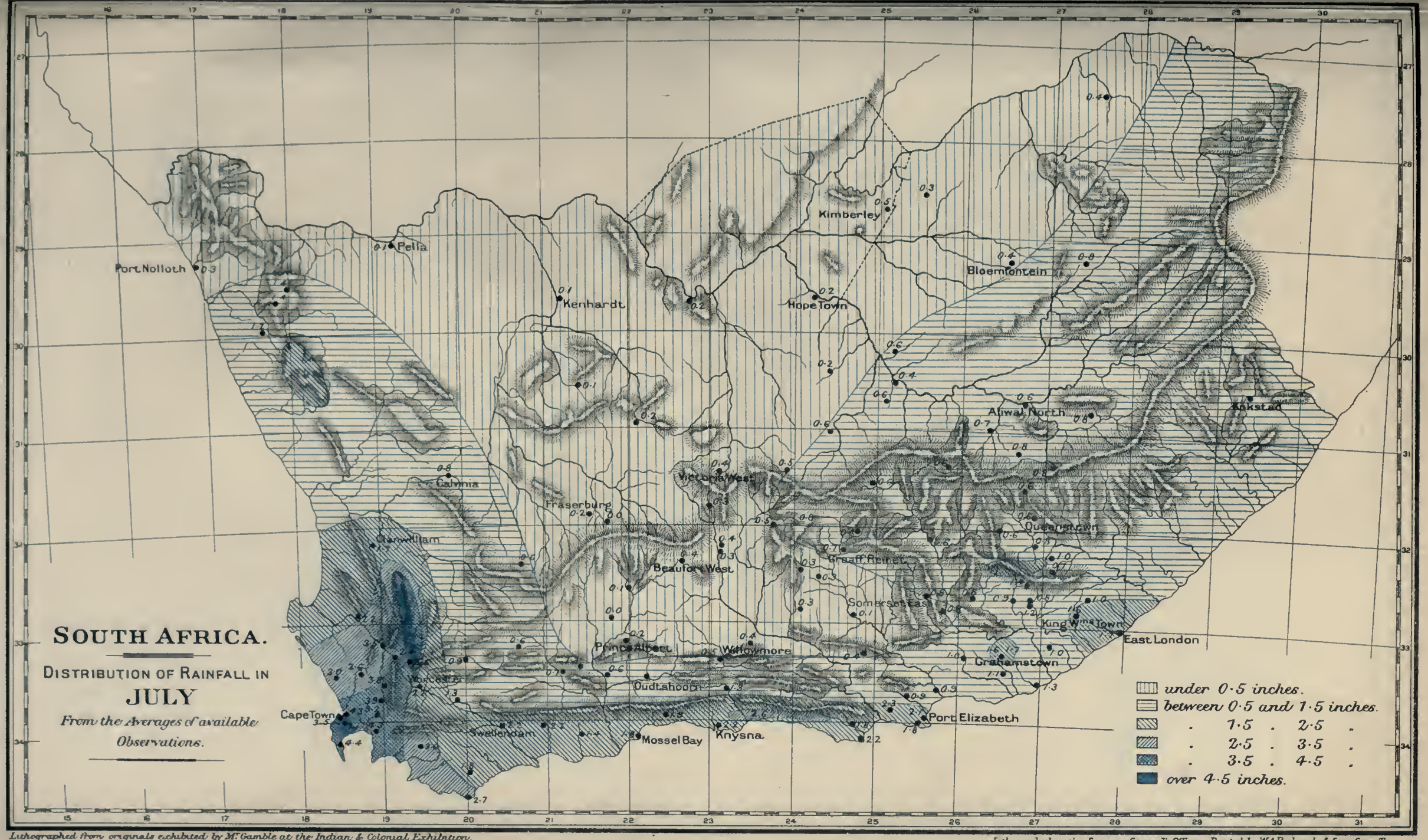

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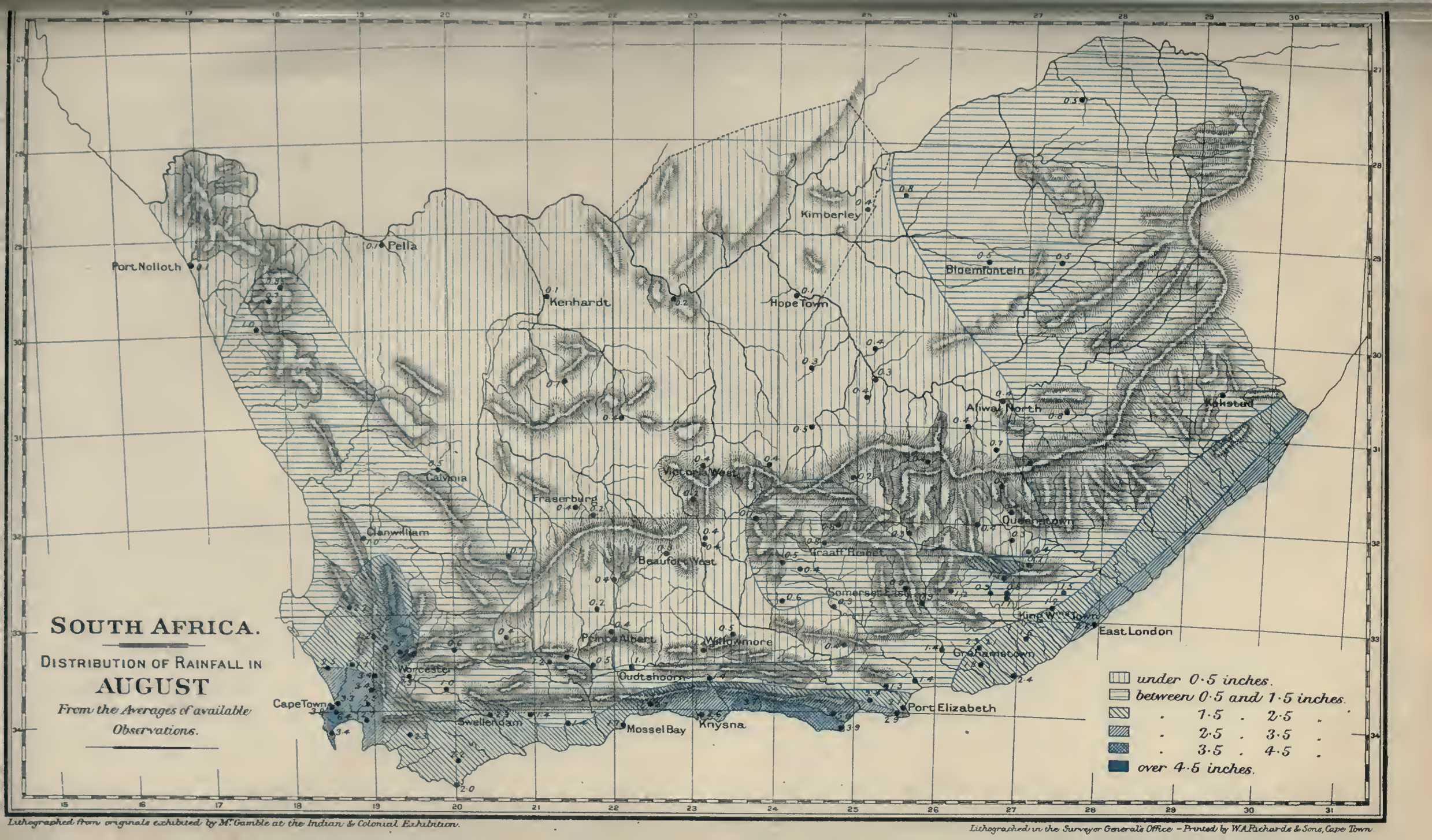

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Lithographed from originals exhibited by M. Gamble at the Indian & Colonial Exhibition.

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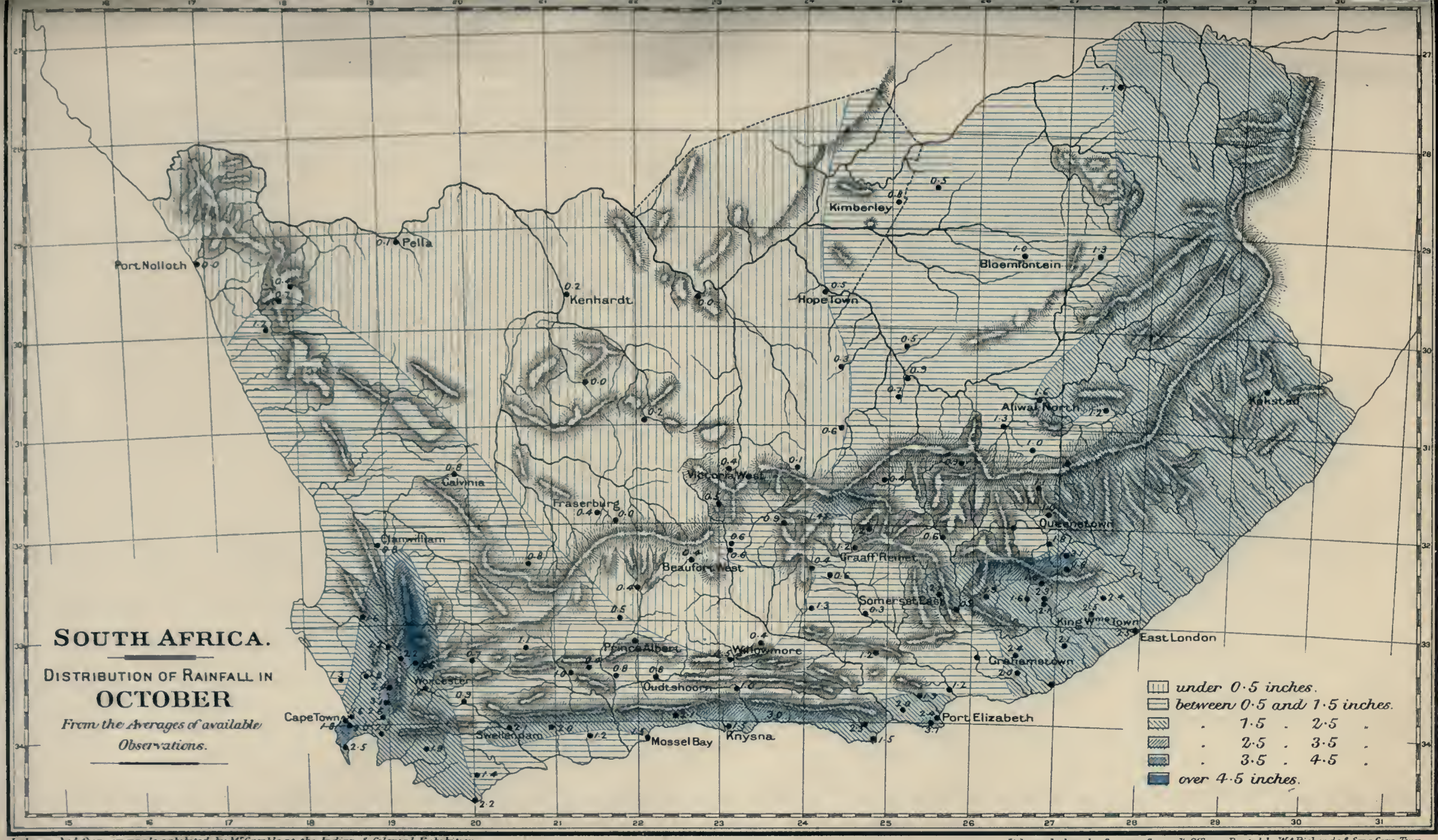

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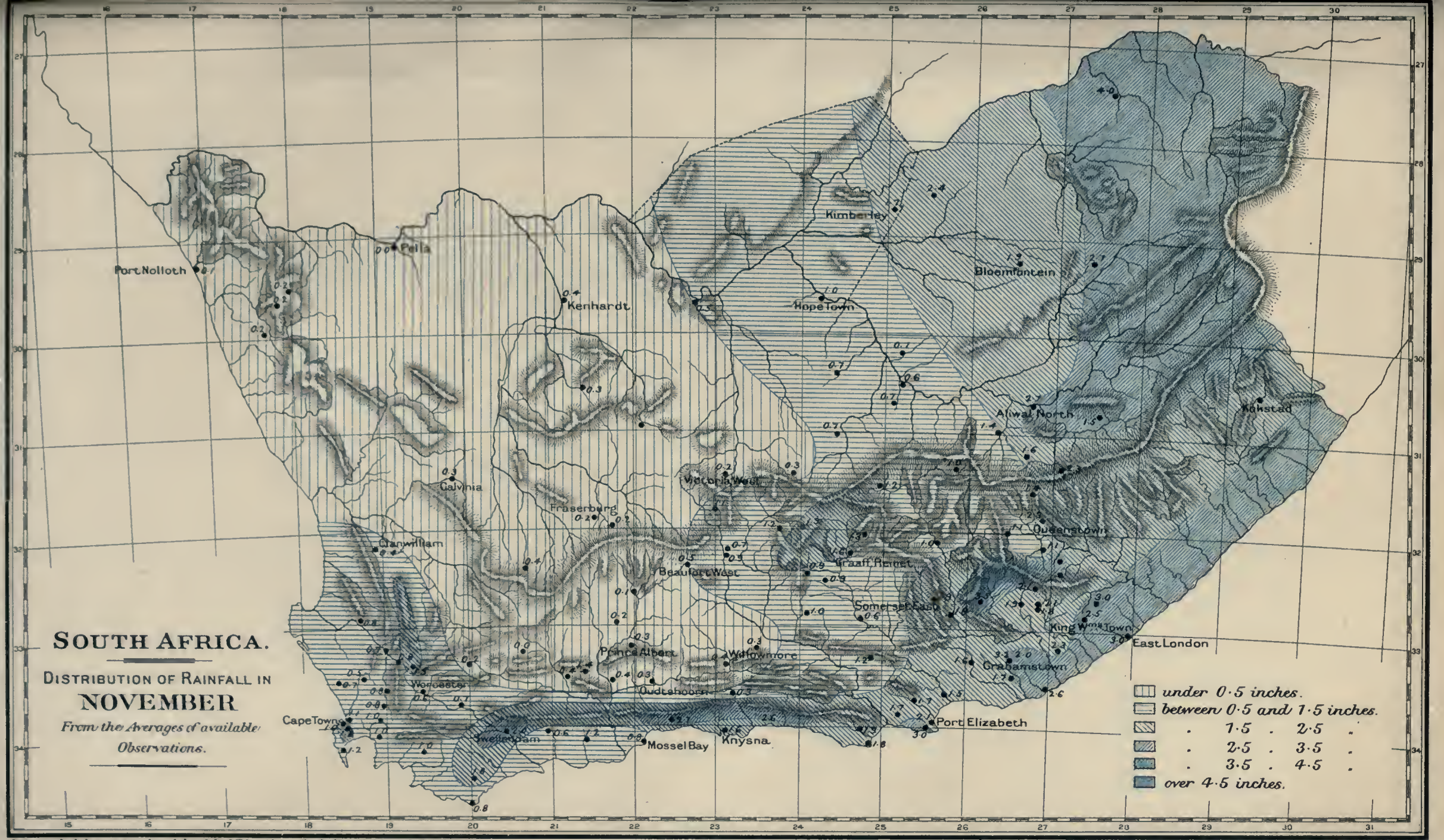

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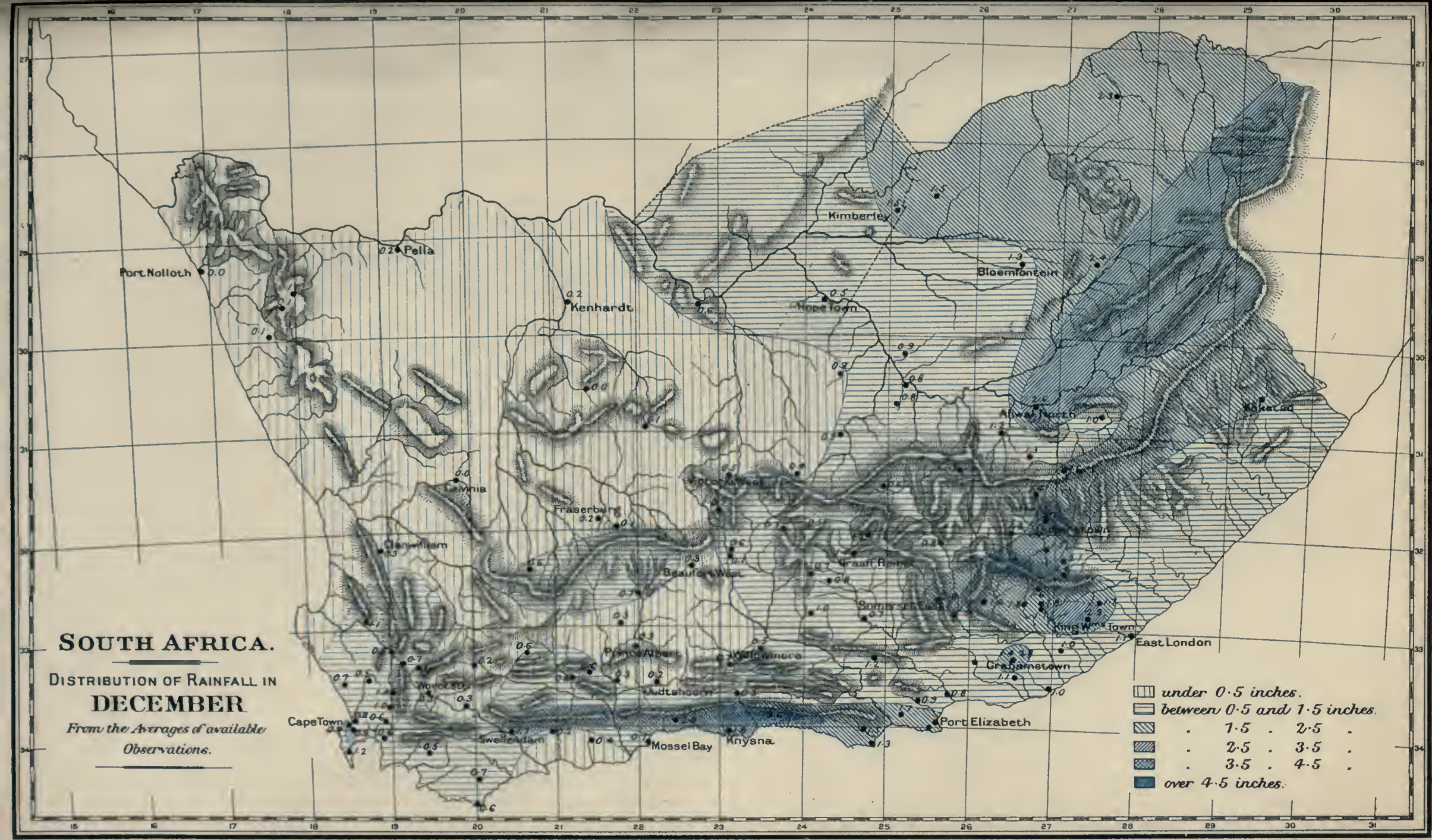

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